



Stockholm Convention on Persistent Organic Pollutants

اتفاقية استكهولم بشأن الملوثات العضوية الثابتة
 关于持久性有机污染物的斯德哥尔摩公约
 Convention de Stockholm sur les polluants organiques persistants
 Convenio de Estocolmo sobre Contaminantes Orgánicos Persistentes
 Стокгольмская конвенция о стойких органических загрязнителях



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FORMAT FOR PROVIDING RELEVANT INFORMATION PURSUANT TO DECISION SC-3/12BY NOMINATED STOCKHOLM CONVENTION CENTRES

A. GENERAL INFORMATION

1. **Name of institution:**...National Institute of Ecology and Climate Change...
2. **Name of person in charge of institution:**...María Amparo Martínez Arroyo...
 - a. **Job title:**...General Director...
3. **Name of the coordinator of the regional or subregional centre:**...Victor Hugo Páramo Figueroa
 - a. **Job title:**... General Director of Research on Regional and Urban Pollution...
4. **Contact (liaison) person to the Secretariat:**...Arturo Gavilán García...
 - a. **Job title:**...Director of Research on Chemical and Ecotoxicological Risk...
5. **Address of Institution**
 Street address ...Periférico 5000, Col. Insurgentes-Cuicuilco, Del. Coyoacán.....
 City ...México City..... Postal Code ...04530.....
 Country ...México.....
 Telephone ...+52 55 54246400.....Fax ...+52 55 56133821.....
 Email ...direccion.general@inecc.gob.mx.....
6. **Address for correspondence**
 (If different to that in 5 above)
 Street address
 CityPostal Code.....
 Country
7. **Access to the Centre**
 Please indicate the distance of the institution from nearest international airport.
 Name of the airport ...Mexico City's International Airport
 Distance from institution...27km
8. **Legal status**
 Please indicate the legal status of the nominated organization
 - ☒ Government body
 - ☐ Intergovernmental organization
 - ☐ Non Governmental organization
 - ☐ Other, specify

Please attach the charter/ legal document by which the organization was established.

9. Coordinator and other staff of the nominated institution

Please provide the Curriculum Vitae of the coordinator of the nominated regional centre that includes his or her technical background, project management competencies and experience in technical assistance and capacity building in the template given in the **annex 1**.

10. Institutional Profile

Please attach separately a brief institutional profile that includes summaries of relevant activities undertaken by the institution within last 2 years in the template given in the **annex II**.

B. INFORMATION ON EXPERTISE CURRENTLY AVAILABLE

1. Areas of expertise

Please indicate which of the areas of expertise in capacity building and technology transfer listed below, is currently available at your institution. (Please check the relevant boxes below)

Yes No

- | | | |
|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (a) Development, updating and implementation of <u>national implementation plans</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (b) Identification and promotion of <u>best available techniques</u> and <u>best environmental practices</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (c) Identification and <u>disposal of persistent organic pollutants</u> , including transfer of environmentally sound technologies for the destruction of such wastes |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (d) Identification and <u>remediation of sites</u> contaminated with <u>persistent organic pollutants</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (e) Effectiveness evaluation, including <u>monitoring</u> of levels of <u>persistent organic pollutants</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (f) Review of <u>available infrastructure, capacity and institutions</u> at the national and local levels and the potential to strengthen them |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (g) Development and establishment of <u>laboratory capacity</u> , including the promotion of standard sampling and analysis procedures for validation of inventories |
| | | (h) Development and strengthening <u>research capacity</u> at the national, subregional and regional levels, including: |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (i) Development and introduction of alternatives to <u>persistent organic pollutants</u> , with special emphasis on reducing the need for specific exemptions |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (ii) Training of technical personnel |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (i) Development and updating of a <u>list of technologies</u> that are available to be transferred to the eligible Parties through regional and subregional centres |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (j) Identification of <u>obstacles and barriers</u> to the transfer of technology and its solutions |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (k) Development, implementation and enforcement of <u>regulatory controls and incentives</u> for the sound management of <u>persistent organic pollutants</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (l) Promotion of <u>awareness raising</u> and information dissemination programmes, including awareness-raising among the general public, of issues related to the Convention |
| | | (m) <u>Training</u> for decision makers, managers and personnel responsible in: |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (i) <u>Persistent organic pollutants</u> identification |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (ii) Technical assistance needs identification |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (iii) Project proposal writing |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (iv) Legislation development and enforcement |

- ☒ ☐ (v)Development of an inventory of persistent organic pollutants
☒ ☐ (vi)Risk assessment and management of PCBs, PCDD/Fs
☒ ☐ (vii)Evaluation of social and economic impacts
☒ ☐ (viii)Development of Pollutants Release and Transfer Registers
☒ ☐ (n) Other, please specify: National Chemicals Inventories

2. Specific expertise

Among the areas checked above, which area/s the centre considers as areas of its specific expertise and have comparative advantage over others?

a, b, d, e, f, g, h-ii, l, m-i, m-ii, m-iii, m-iv, m-v, m-vi and n.

3. Technical personnel with recognized competence in capacity-building or technology transfer

Please list the technical personnel currently working at the nominated institution and indicate their expertise by citing corresponding numbers (a-n) of the above list. Also please attach their curriculum vitae when submitting this form using the template as given in **annex III**.

List of technical personnel

Name	Job title	Expertise (a-n)
1. Victor Hugo Páramo Figueroa	General Coordinator	a, b, f, g, h-ii, l, m-iii, m-iv, m-v
2. Arturo Gavilán García	Director	a, b, d, e, f, h-ii, l, m-iii, m-v
3. Alma Delia Nava Montes	Deputy Director	a, e, f, h-ii, l, m-i, m-ii, m-iii
4. Martha Elena Ramírez Islas	Deputy Director	a, b, d, f, h-ii, l, m-iii, m-iv
5. Guillermo Encarnación Aguilar	Deputy Director	a, b, d, f, h-ii, l, m-ii, m-iii,
6. Miguel Ángel Martínez Cordero	Deputy Director	a, b, e, f, h-i, h-ii, k, l, m-i, m-ii, m-iii, m-iv, m-vi, m-vii, n
7. Roberto Basaldud Cruz	Deputy Director	a, e, f, g, h-ii, l, m-i, m-ii, m-iii, m-v, m-vi
8. Ana Paulina Avila Forcada	Department Head	b, d, f, h-ii, m-ii, m-iv
9. Ania Mendoza Cantú	Department Head	a, e, h-i, k, l, m-i, m-iii, m-iv, m-v, m-vi, m-viii
10. Alejandra Joy Campos Rivera	Department Head	b, d, f, h-ii, m-ii, m-iv
11. Faviola Altuzar Villatoro	Department Head	b, d, f, h-ii, m-ii, m-iv
12. Jephte Raquel Cruz Aliphat	Department Head	e, f, g, h-ii, m-i, m-ii, m-iv, m-v
13. Laura Andreina Nevárez Dominguez	Department Head	e, f, g, h-ii, m-i, m-ii, m-iv, m-v

14. María de los Ángeles Benitez Macías	Department Head	e, f, g, h-ii, m-i, m-ii, m-iv, m-v
15. María del Carmen Gutierrez Cigales	Department Head	e, f, g, h-ii, m-i, m-ii, m-iv, m-v
16. José Abraham Ortinez Álvarez	Department Head	e, f, g, h-ii, j, m-i, m-ii, m-iii, m-v, m-viii
17. José Juan Felipe Ángeles García	Department Head	e, f, g, h-ii, m-i, m-ii, m-iv, m-v
18. Juan Antonio Velasco Trejo	Department Head	b, d, e, f, h-ii, m-i, m-ii, m-iv
19. Luis Felipe Abreu García	Department Head	e, f, g, h-ii, m-i, m-ii, m-iv, m-v
20. Miguel Magaña Reyes	Department Head	e, f, g, h-ii, m-i, m-ii, m-iv, m-v

C. EQUIPMENT AND FACILITIES

1. Equipment

Please specify the office equipment currently in use at your institution and are available for current purpose
Equipment (that are available for training and activities relevant to technical assistance) **Yes** **No** **Number**

Personal computer with up to date software	<input checked="" type="checkbox"/>	<input type="checkbox"/>	65
Printers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	18
Photocopier/ Scanners	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9
Multimedia projector/Audio-visual recorders	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5
Microphones	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3
Other, specify.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Installed and operational communication facilities

Please indicate which of the following communication facilities are available and operational at your institution that is related to the technical assistance activities. **Yes** **No**

2.1 Telephone	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.2 Fax	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.3 Internet connection (indicate the type of connection available)		
a. Dial-up	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. ADSL	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Broadband cable	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. T-1/DSL	<input type="checkbox"/>	<input checked="" type="checkbox"/>

3. Meeting facilities

Does the nominated institution have meeting facilities?

- ☒ Yes
☐ No

If the answer to the question above is yes, please provide information as to the type, number and size of the meeting facilities and their location.

Type	Yes	No	Size (by persons)	Location
Meeting hall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	6-10	INECC
Training hall simple/class room	<input checked="" type="checkbox"/>	<input type="checkbox"/>	40	INECC
Training hall equipped with computers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	20	INECC

Locations of facilities:

Indicate whether or not the training halls/meeting halls are located within the premise of the institution itself.

- ☒ Yes
☐ No

Please also indicate if there are any partnership arrangement for meeting/training facilities with any other institution below.....

- ☐ Yes
☒ No

(Attach MOU if applicable)

D. COVERAGE OF THE INSTITUTION

1. Eligible Parties to be served by the proposed centre

Please list the eligible¹ Parties which your institution intends to serve.

List of eligible Parties to be served by the nominated institution

- | | |
|---|-----|
| 1. Federal Government Institutions | 6. |
| 2. National and Latin American Research Centres | 7. |
| 3. Latin American Governments Institutions | 8. |
| 4. | 9. |
| 5. | 10. |

2. Parties to be served outside the region/subregion

Would the institution be available to serve beyond its current serving geographical region if need arise?

Yes ☒

No ☐

3. Cooperation and coordination

3.1 Does the institution currently serve as a regional or subregional centre to any other multilateral environmental agreement (MEA)?

Yes ☐

No ☒

If yes please provide the name of the multilateral environmental agreement

.....

3.2 Has the institution entered into any partnership arrangement with other institutions/regional centres in providing technical assistance to its constituent Parties?

Yes ☐

No ☒

If yes provide the copy of MOU/ document reflecting this arrangement.

4. Language

Please indicate the working language(s) of the nominated institution.

...Spanish and English

.....

Note: In accordance with decision SC-2/9 all centres must be capable of communicating in English.

¹As per the decision SC1/15, to be eligible to receive technical assistance under the Stockholm Convention, a country must be a developing country or a country with an economy in transition and a party to the Convention

Annex I: Template for providing CV of the Coordinator

1. Name: Víctor Hugo Páramo Figueroa	2. Date of birth: 19 October, 1953
3. Contact details:	
House number/Street/City/Country: Perif.5000/Insurgentes-Cuicuilco/Coyoacán/04530/Méx. City/Méx.	
Telephone (Landline): +52 55 54246400	Mobile:
Email (work): victor.paramo@inecc.gob.mx	Email (private):
4. Academic and technical qualifications	
First university degree: Chemical Engineer	Area of specialization: Engineering
Other degrees (if any): Ph. Dr. in Industrial Chemistry	Areas of specialization: Environmental

5. Technical/vocational trainings received(list only three most relevant trainings on the technical assistance related activities)

1. Title of training:

Start and end date of training:

Name of the institute providing training:

2. Title of training:

Start and end date of training:

Name of the institute providing training:

3. Title of training:

Start and end date of training:

Name of the institute providing training:

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the project: Vehicle Emissions Testing Program Obligatory

Year and duration (in months) of project: 156

Your role and responsibilities: Manager and direction

Nature of task (check relevant box/es): Management ☒ Technical ☐

Your achievements: Operative program

2. Name of the project: Voluntary program to reduce emissions from diesel vehicles and the introduction of vehicle fuels and technologies friendly to the environment.

Year and duration (in months) of the project: 156

Your role and responsibilities: Manager and direction

Nature of task (check relevant box/es): Management ☒ Technical ☐

Your achievements: Operative program

3. Name of the project: Program to Improve Air Quality in the Metropolitan Area of Mexico

Year and duration (in months) of the project: 156

Your role and responsibilities: Manager and direction

Nature of task (check relevant box/es): Management ☒ Technical ☐

Your achievements: Operative program

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the project:

Year and duration (in months) of the project:

Your role and responsibilities:

Nature of task (check relevant box/es): Management ☐ Technical ☐

Your achievements:

2. Name of the project:

Year and duration (in months) of the project:

Your role and responsibilities:

Nature of task (check relevant box/es): Management ☐ Technical ☐

Your achievements:

3. Name of the project:

Year and duration (in months) of the project:

Your role and responsibilities:

Nature of task (check relevant box/es): Management ☐ Technical ☐

Your achievements:

8. Any relevant publications in international peer reviewed journal (list only recent and relevant maximum up to five publications):

1. Luisa T. Molina, Benjamin de Foy, Oscar Vázquez Martínez, Víctor Hugo Páramo Figueroa. January 2009. "Air quality, weather and climate in Mexico City". WMO Bulletin 58 (1) pp. 48-53

2. L. T. Molina, C. E. Kolb, B. de Foy, B. K. Lamb, W. H. Brune, J. L. Jimenez, R. Ramos-Villegas, J. Sarmiento, V. H. Paramo-Figueroa, B. Cardenas, V. Gutierrez-Avedoy, and M. J. Molina. "Air quality in North America's most populous city - overview of the MCMA-2003 campaign". Atmos. Chem. Phys., 7, 2447-2473, 2007

3. McKain, D., Atkinson, R., Clark, N., Mucino, VHP, Páramo-Figueroa, et al., "Development of a Driving Schedule to Mimic Transit Bus Behavior in Mexico City," SAE Technical Paper 2006-01-3394, 2006, doi:10.4271/2006-01-3394.

4. Gómez-Perales, J.E., R.N. Colville, M.J. Nieuwenhuijsen, A. Fernández-Bremauntz, V.J. Gutiérrez-Avedoy, V.H. Páramo-Figueroa, S. Blanco-Jiménez, E. Bueno-López, F. Mandujano, R. Bernabé-Cabanillas, and E. Ortiz-Segovia. "Commuter's Exposure to PM_{2.5}, CO and benzene in Public Transport in the Metropolitan Area of México City". Atmospheric Environment 38. pp 1219-1229, 2004.

5. H.G., Riveros J.L. Bravo, V.H. Páramo, J. Tejeda, “El ozono y el consumo de gasolina en la zona metropolitana del Valle de México”, Boletín de la Academia de la Investigación Científica, julio-agosto 1993.
6. González R., Páramo V.H., Sánchez C., Pérez G., Domínguez R., ”Temporal-spatial analysis of carbon monoxide in the Mexico City Metropolitan Zone”, The Science of the Total Environment, Vol. 134, p.p. 93-101, June 1993.
7. R. González, V.H. Páramo, C. Sánchez R., R. Domínguez, “Climate Change and Environmental Policies in México”, Arizona Journal of International and Comparative Law, No. 1, Vol. 9, 1992.
8. Funk, T. H; Chinkin, L. R.; Páramo-Figueroa, V. H.; Et. Al., “Compilation and evaluation of a Paso del Norte emission inventory”, Science Direct, 2012-03-09. Calidad del aire.

Annex II. Template for providing information on institutional profile

Name of the Institution: National Institute of Ecology and Climate Change

The National Center for Environmental Research and Training (CENICA), inaugurated on November 25, 1997, is the result of cooperation between the governments of Mexico and Japan, through the National Institute of Ecology (INE), the Metropolitan Autonomous University (UAM) and the International Cooperation Agency (JICA).

The Center has commitment to promote and conduct experimental research in the fields of: air pollution, waste, toxic substances, contaminated sites and GM; propose technical specifications, design basis, operating protocols, data management systems air monitoring, evaluate the operation and quality assurance of air quality monitoring systems, promote, coordinate and supervise the establishment of systems to monitor air pollution in the states; processes contribute to capacity building of officials and technicians the three orders of government. Actively participate in forums and research both nationally and internationally, to become a reliable reference for scientific information.

Since June 2012, with the approval of the General Law on Climate Change, the National Ecology Institute became the National Institute of Ecology and Climate Change and the National Center for Environmental Research and Training ceased to be a general direction became area direction. Keeping the same number of laboratories, material and human resources.

Year of establishment: 2012

Objectives of its establishment:

- I. Coordinate and conduct studies and projects of scientific or technological research with academic, research, public or private, national or foreign climate change, environmental protection and preservation and restoration of ecological balance;
- II. Provide technical and scientific support to the secretariat to develop, conduct and evaluate national policy on ecological balance and environmental protection;
- III. Promote and disseminate criteria, methodologies and technologies for the conservation and sustainable use of natural resources;
- IV. Assist in the preparation of qualified human resources to address national issues concerning the environment and climate change;
- V. Prospective analysis of sectorial, and collaborate in the development of strategies, plans, programs, instruments and actions related to sustainable development, the environment and climate change, including the estimated future costs associated with climate change, and the benefits resulting from actions to address it;

VI. Evaluate compliance with the objectives of adaptation and mitigation under this Act, and the goals and actions contained in the National Strategy, the Programme and the programs of the states referred to this ordinance, and

VII. Make recommendations on policies and actions to mitigate or adapt to climate change and on the assessments made in the field units of the federal public administration centralized parastatal of the states and municipalities.

Relevant Charter/provision under the national law for its establishment

Ley General de Cambio Climático (General Law of Climate Change)

www.diputados.gob.mx/LeyesBiblio/pdf/LGCC.pdf

Partnership arrangements

(Provide information on partnership arrangements, if any, with other institution/s to undertake its technical assistance activities)

Please provide the organigram of the institution indicating the hierarchy of only those departments/divisions which are responsible for undertaking technical assistance programme in the capacity of the regional centre. *(Attach the organigram separately)*

Does the institution have authority to enter into a MOU with international agencies (IGOs/NGOs)

Yes ☒ No ☐

If yes, then can it receive and handle funding directly in its bank account as agreed in MOU?

Yes ☒ No ☐

If it is not possible currently then can this be arranged within reasonable time?

Yes ☐ No ☐

Please list major activities undertaken by the institution in last two years that are relevant to the area of technical assistance in general and those relevant to the implementation of Stockholm Convention in particular

(Please attach a separate sheet for this information)

1. National Monitoring and Evaluation Program of POPs.
2. National Diagnostic of Endosulfan in México.
3. National Inventory of Chemical Substances.
4. National Profile of Chemical Substances.

Annex III: Template for providing CV of the Experts

1. Name: Arturo Gavilán García

2. Date of birth: 25 September, 19753.

Contact details:

House number/Street/City/Country: Periférico 5000 / Insurgentes-Cuicuilco / Coyoacán / 04530 / Mexico City / México.

Telephone: Landline: +52 55 54246400 Ext. 13187

Mobile:

Email (work): arturo.gavilan@inecc.gob.mx

Email (private):

4. Academic and technical qualifications

First university degree: Chemical Engineer

Area of specialization: Engineering

Other degrees (if any): Ph. Dr. Environment and development. Areas of specialization: Environmental

5. Language skills

speaking

writing

understanding

1. English

100

100

100

2.

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

1. Title of training: Analysis and evaluation of public policies with application to subjects of urban and regional pollution

Start and end date of training: 7 September at 30 November, 2010

Name of the institute providing the training: Colegio de México

2. Title of training: Fourth Workshop on Sources and Measurements of Dioxins, Furans and Hexachlorobenzene.

Start and end date of training: October, 2010

Name of the institute providing the training: Centro Nacional de Investigación y Capacitación Ambiental

3. Title of training: Life Cycle Analysis

Start and end date of training: March, 2010

Name of the institute providing the training: Centro Nacional de Investigación y Capacitación Ambiental

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the Project/activity

Investigation of toxic, persistent and bioaccumulative chemical substances and hazardous waste and special handling, within the framework of Agreement for Environmental Cooperation of North America, the Basel Convention and the Stockholm Convention.

Your role and responsibilities: Coordination

Nature of task (check relevant boxes): Management ☒ Technical ☒

Your achievements: Reports

2. Name of the Project/activity

Research activities on chemical substances and environmental risk; urban solid waste, of special handling and hazardous.

Your role and responsibilities: Coordination

Nature of task (check relevant boxes): Management ☒ Technical ☒

Your achievements: Reports

3. Name of the Project/activity

Coordination of projects in the framework of the German Agency for International Cooperation (GIZ) and cooperation in the framework of the US-Mexico bilateral program.

Your role and responsibilities: Coordination

Nature of task (check relevant boxes): Management ☒ Technical ☒

Your achievements: Reports

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

2. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

2. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

3. Name of the training/capacity building activity

Recipient of the activity

Year

Main activities undertaken

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1. • Arturo Gavilán García, Guillermo Román-Moguel, Laura Meraz-Cabrera, Joaquín Acevedo. 2012. Policy options for the management of end of life computers in Mexico. Clean Technologies and Environmental Policy. 14 (4), 657-667.

2. • Cedillo-Becerril L., Gavilán-García A., Martínez-Cordero M. A., Romero-Torres T. 2012. Inventario Nacional de Sustancias Químicas. Base 2009. SEMARNAT. 128 pag.

3. • Jimena Ramos, Arturo Gavilan, Teresita Romero, Irina Ize. 2011. Mexican experience in local, regional and global actions for lindane elimination. Environmental science & policy. (14) 503-509.

4. • I. Gavilán-García, E. Santos-Santos, A. Gavilán-García. 2010. Brominated flame retardants potential contamination from end of life products in Mexico. Toxicology Letters 196S, S37-S351

5. • Pérez-Maldonado, Iván N. ; Ramírez-Jiménez, María del Rocio ; Martínez-Arévalo, Laura P. ; López-Guzmán, O. Dania ; Athanasiadou, Maria ; Bergman, Åke ; Yarto-Ramírez, Mario ; Gavilán-García, Arturo ; Yáñez, Leticia ; Díaz-Barriga, Fernando. 2009. Exposure assessment of polybrominated diphenyl ethers (PBDEs) in Mexican children. Chemosphere. 75 (9). 1215-1220

1. Name: Alma Delia Nava Montes	2. Date of birth: 09/12/1962		
3. Contact details:			
House number/Street/City/Country: Periférico 5000 / Insurgentes-Cuicuilco / Coyoacán / 04530 / Mexico City / México.			
Telephone: Landline: +52 55 54246400 Ext. 13301	Mobile:		
Email (work): alma.nava@inecc.gob.mx	Email (private):		
4. Academic and technical qualifications			
First university degree: Biologist	Area of specialization: Biology		
Other degrees (if any): Master Degree	Areas of specialization: Environmental Science		
5. Language skills			
	speaking	writing	understanding
1. English	80%	80%	80%
2. French	30%	50%	50%

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

1. Title of training: Workshop for beginners on QSAR toolbox
Start and end date of training: 21 – 25 October 2013
Name of the institute providing the training: National Institute of Ecology and Climate Change
2. Title of training: Ecotoxicological Principles: sampling and histology basic.
Start and end date of training: October 17-19, 2012
Name of the institute providing the training: National Institute of Ecology and Climate Change and Universidad Autónoma Metropolitana
3. Title of training: Ocean data view, Quantum Gis e Integrated QGIS, ODV, SAGA and Mirone.
Start and end date of training: November, 21-23, 2012
Name of the institute providing the training: Universidad Autónoma de Baja California and National Institute of Ecology and Climate Change

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the Project/activity

National Environmental Monitoring and Assessment Program of Toxic, Persistent and Bioaccumulative Substances (PRONAME).

Your role and responsibilities: Coordinator

Nature of task (check relevant boxes): Management ☒ Technical ☒

Your achievements: Technical Reports. National and International Papers in process.

2. Name of the Project/activity

Evaluation of the toxicity of environmental samples using bioassays test in the framework of the National Environmental Monitoring and Assessment Program of Toxic, Persistent and Bioaccumulative Substances (PRONAME).

Your role and responsibilities: Coordinator

Nature of task (check relevant boxes): Management ☒ Technical ☒

Your achievements: Technical reports. International Papers

3. Name of the Project/activity

Development and update of Clearinghouse Mechanism for POPs in Mexico as a Stockholm Convention Regional Centre.

Your role and responsibilities: Coordinator

Nature of task (check relevant boxes): Management ☒ Technical ☒

Your achievements: <http://www.inecc.gob.mx/clearinghouse/registrolist.php>

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity

Environmental monitoring program in the framework of the deep horizon spill in 2010 in the Gulf of Mexico.

Your role and responsibilities:

Participation as a team member coordinating different tasks related with the monitoring program of the deep horizon spill in the Gulf of Mexico.

Nature of task (check relevant boxes): Management ☒ Technical ☒

Your achievements: Technical Reports

2. Name of the Project/activity

Regional Centre implementation annual programs

Your role and responsibilities:

Participation, as a team member, coordinating different activities as a Regional Centre. Incharge of development and update the Clearing House Mechanism (CHM) in Mexico.

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

Reports and <http://www.inecc.gob.mx/clearinghouse/registrolist.php>

3. Name of the Project/activity

Development toxicity test to evaluated COPs effects in environmental sampling (soil, water and sediments) using live organisms.

Your role and responsibilities:

Bioassay Lab Coordinator

Nature of task (check relevant boxes): Management ☒ Technical ☒

Your achievements:

Technical reports and publications

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity

First Workshop on Technical Assistance and Capacity Building to Implementation and Enforcement the Stockholm Convention in GRULAC.

Recipient/s (institution) of the activity

Year 2013, 2-4 December

Main activities undertaken

Participation in the workshop organization and as speaker with the conference: Monitoring COPs actions in Mexico,

2. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

3. Name of the training/capacity building activity

Recipient of the activity

Year

Main activities undertaken

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

Nava, A.D, V. Gutiérrez and A.P. Martínez. 2012. The national program for environmental monitoring and assessment in México. En: 2nd SETAC Australasia Brisbane 2012 Conference, 4-6 July.

Guzmán-Martínez, M.C., Elizalde-Ramírez, L., Espejel-Piña, A.L., Arellano-López, I., Sierra-Hernández, E., Nava, A.D. y Ramírez-Romero, P. 2012. Ecotoxicological evaluation of soils and sediments of reference and satellite sites of Mexican National Monitoring Program (PRONAME). En: SETAC North America 33rd Annual Meeting, 11-15 November, 2012. Long Beach California.

M.C., Guzmán-Martínez, M.C., L. Elizalde-Ramírez, A.L. Espejel-Piña, I. Arellano-López, J.G. Trejo-Ramírez, J.E. Padilla Torres, A.D. Nava Montes. 2012. Development of a ecotoxicological baseline through the use of biomarkers on the oyster *Crassostrea virginica* Snapper. En: SETAC North America 33rd Annual Meeting, 11-15 November, 2012. Long Beach California.

Ilizaliturri-Hernández, C., G. Espinosa –Reyes, D. González-Mille and A. Nava-Montes. 2013. Monitoring Environmental Pollution and Sublethal Effects in Giant Toad from Coatzacoalcos, Mexico. Frog Log 21 (2), Number 106 (abril 2013): 38 -39.

1. Name: Martha Elena Ramirez Islas	2. Date of birth: 01/10/1972
3. Contact details:	
House number/Street/City/Country: Periférico 5000 / Insurgentes-Cuicuilco / Coyoacán / 04530 / Mexico City / México.	
Telephone: Landline: +52 55 54246400 Ext. 13301	Mobile:
Email (work): martha.ramirez@inecc.gob.mx	Email (private):
4. Academic and technical qualifications	
First university degree: Biochemical Engineering	Area of specialization:
Other degrees (if any): Master Degree	Areas of specialization: Soil Remediation
5. Language skills	
speaking	writing
understanding	
1. English	80%
2.	

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

1. Title of training: Workshop for beginners on QSAR toolbox
Start and end date of training: 21 – 25 October 2013
Name of the institute providing the training: National Institute of Ecology and Climate Change
2. Title of training: Analysis of public policy
Start and end date of training: October 17-21, 2011
Name of the institute providing the training: National Institute of Ecology and Climate Change
3. Title of training: Evaluation of emission factors of dioxins and furans
Start and end date of training: May 31 – 2 nd June, 2006
Name of the institute providing the training: UNEP, SEMARNAT-Mexico

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the Project/activity
Wet Deposition and Atmospheric Mercury Monitoring In Celestun, Yucatan, Mexico
Your role and responsibilities: Coordinator
Nature of task (check relevant boxes): Management <input checked="" type="checkbox"/> Technical <input checked="" type="checkbox"/>
Your achievements: Technical Report. International Paper in process
2. Name of the Project/activity

Treatments for soil remediation contaminated with pesticides

Your role and responsibilities: Coordinator

Nature of task (check relevant boxes): Management ☒ Technical ☒

Your achievements: Technical reports. International Papers

3. Name of the Project/activity

Pilot plant treatment of chromite ore processing residue

Your role and responsibilities: Coordinator

Nature of task (check relevant boxes): Management ☒ Technical ☒

Your achievements: Technical report and International Paper

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

2. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

2. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

3. Name of the training/capacity building activity

Recipient of the activity

Year

Main activities undertaken

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1. Sergio Martínez-Trinidad*, Gilberto Hernández Silva, Martha Elena Ramírez Islas, Juventino Martínez Reyes, Gregorio Solorio Munguía, Sara Solís Valdez and Rocío García Martínez. 2013. Total mercury in terrestrial systems (air-soil-plant-water) at the mining region of San Joaquín, Queretaro, Mexico. *Geofísica Internacional*, 52-1: 43-58

2. Velasco A, Ramírez ME, Hernández S, Revah S and Schmidt W. 2012. Pilot plant treatment of chromite ore processing residue using sodium sulfide in single reduction and coupled reduction/stabilization processes. *Journal of Hazardous Materials*, 207-208: 97- 102.

3. M.E. Ramírez, B. Zapién, H.G. Zegarra, N.G. Rojas, L.C. Fernández. 2009. Assessment of hydrocarbon biodegradability in clayed and weathered polluted soils. *International Biodeterioration & Biodegradation*. 63: 347–353

4. Velasco, J.A., Ramírez, M.E., Volke, T., González, A. y Revah, S. 2008. Evaluation of feed COD/sulfate ratio as a control criterion for the biological hydrogen sulfide production and lead precipitation. *Journal of Hazardous Materials*.151: 407-413.

5. N. G. Rojas-Avelizapa, T. G. Roldan-Carrillo, J. M. Arce-Ortega, M. E. Ramirez-Islas, H. G. Zegarra-Martinez, L. C. Fernández-Linares. 2006. Enhancement of Hydrocarbon Removal in a Clay and Drilling-Waste Polluted Soil. *Soil and Sediment Contamination*. 15(4): 417-428.

1. Name: Guillermo Encarnación Aguilar	2. Date of birth: December 01, 1974.												
3. Contact details: House number/Street/City/Country: Periférico 5000 / Insurgentes-Cuicuilco / Coyoacán / 04530 / Mexico City / México. Telephone: Landline: +52 55 54246400 Ext. 13301 Mobile: Email (work): guillermo.encarnacion@inecc.gob.mx Email (private):													
4. Academic and technical qualifications First university degree: Industrial Chemical Area of specialization: Environment and Pharmacy Other degrees (if any): Engineering Master; Areas of specialization: Environment (Waste management)													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">5. Language skills</th> <th style="width: 20%;">speaking</th> <th style="width: 20%;">writing</th> <th style="width: 30%;">understanding</th> </tr> </thead> <tbody> <tr> <td>1. English</td> <td>70%</td> <td>70%</td> <td>90%</td> </tr> <tr> <td>2.</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		5. Language skills	speaking	writing	understanding	1. English	70%	70%	90%	2.			
5. Language skills	speaking	writing	understanding										
1. English	70%	70%	90%										
2.													

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

1. Title of training: Waste Management and 3Rs (Reduce, Reuse and Recycle) Policy Start and end date of training: January 16, 2005 - February 19, 2005 Name of the institute providing the training: Clean Japan Center and the Japan International Cooperation Agency (JICA)
2. Title of training: Waste Management for Promoting Recycling-Oriented Societies in Central and South America Start and end date of training: May 17th to July 3, 2010 Name of the institute providing the training: International Center for Environmental Technology Transfer (ICETT) and the Japan International Cooperation Agency (JICA)
3. Title of training: Start and end date of training: Name of the institute providing the training:

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the Project/activity Waste Management and 3Rs policy Your role and responsibilities: <ul style="list-style-type: none"> - Coordination, follow-up and evaluation of projects on integrated waste management. - Coordination of the evaluation of waste management, treatment and final disposal technologies. Nature of task (check relevant boxes): Management <input checked="" type="checkbox"/> Technical <input type="checkbox"/>
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Your achievements:

- Project for the development of Waste Management Policies incorporating the 3Rs (Reduce, Reuse and Recycle) (2007-2008). The project was developed in the course of several years, with the application of environmental, economic, educational and social policies with special attention to the production, distribution, use and post-consumption of the products designed. Such a way that permits to REDUCE the volume of used products that needs treatment or final disposal; REUSE the whole product or a part of it; and RECYCLE the product components as raw materials, with adaptation to the Mexican reality and to the environmental, socio-economic, administrative and cultural conditions of the country.
- Diffusion of the Project for the development of Waste Management Policies incorporating the 3Rs (Reduce, Reuse and Recycle). In June 2008, a publication in the Environmental Quality Magazine of the ITESM, (Technical Institute of Superior Studies of Monterrey), were made (volume XIV I number 3) . The publication allow to made a propose about the objectives, strategies and actions that would like to be included in the National Waste Management Program.
- International Training Courses developed in México: Develop of three editions of the "International Training Course for Integrated Waste Management with 3R's approach to the countries of Central America and the Caribbean" (2010-2012) and three editions to be carried out of the "International Training Course on the development of elements that strengthen the implementation of sound waste management with focus on 3R's (Reduce, Reuse and Recycle)" (2013-2014).

2. Name of the Project/activity

- Life Cycle Assessment of PET Bottle waste in Mexico

Your role and responsibilities:

- Coordination of the activities to build of Life Cycle Inventory, environmental impact calculations and Results interpretation

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

- Life Cycle Inventory
- A National Study of Life Cycle Assessment of PET Bottle waste in Mexico, including the evaluation of the benefits to the level of impact of climate change due to existing schemes separation, collection and recycling in Mexico, which was carried out using the software Umberto®.

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity

Sustainable Cities in Mexico

Your role and responsibilities:

Leader to Waste indicator

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

- Waste management indicators was defined and measured
- Evaluation to Queretaro City in Waste management
- Recommendations for waste management improvement

2. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity

Technical Assistance to Santa Anna Municipal Government in Waste Management and 3R Policy

- To develop projects about technologies concerning to prevent, reduce, reuse, recycle and minimize wastes
- To evaluate innovative technologies, appropriate to the conditions of Mexico to reuse, recycle, minimize and dispose wastes

Recipient/s (institution) of the activity

Santa Anna Municipal Government in Costa Rica

Year: December, 2013.

Main activities undertaken

- To evaluate innovative technologies, appropriate to the conditions of Costa Rica to reuse, recycle, minimize and dispose wastes
- The strengthening of technical capacities in the waste management of Municipal authorities
- Design and implement a Comprehensive Master Plan for the Waste Management in the Municipality
- To bring technical support that allows propose and develop innovated waste management strategies with the 3Rs principles towards solutions for the issues and problems of the Comprehensive Waste Management in countries in development

2. Name of the training/capacity building activity

“Strengthening of the capacities for Municipal Solid Waste Management”

Recipient/s (institution) of the activity

The National Commission of Solid Waste (CONADES) of Government Guatemala

Year 2005, 2007 and 2008

Main activities undertaken

- Participant as an Expert in the field of Municipal Solid Waste -by twice consecutives
- The main objective of the Program is to help the development of technical capabilities for the elaboration of an Comprehensive Action Plan. We have cooperated with the Mexico City Government

to evaluate different waste management technologies in accord to the local conditions and that solves the complex problematic of the waste management that actually the city faced.

3. Name of the training/capacity building activity

Workshop “Reorienting technical and vocational education and training towards the green economy”.

Recipient of the activity: National Learning Institute of Costa Rica and The Regional Bureau for Education in Latin America and the Caribbean (OREALC/UNESCO Santiago)

Year 2013

Main activities undertaken

- The strengthening of technical capacities in to create green jobs in matter waste management
- To bring technical support that allows propose and develop innovated waste management strategies for green jobs
- To share good practices and experiences between the countries of the region, to identify challenges and opportunities for the reorientation of “Technical and Vocational Education and Training, TVET” towards green jobs
- To come up with recommendations to strengthen TVET for green jobs in the region and to develop competencies in the management of solid waste.

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1.

2.

3.

4.

5.

1. Name: Miguel Ángel Martínez Cordero		2. Date of birth: 19/05/1972	
3. Contact details:			
House number/Street/City/Country: Periférico 5000 / Insurgentes-Cuicuilco / Coyoacán / 04530 / Mexico City / México.			
Telephone: Landline: +52 55 54246400 Ext. 13187		Mobile:	
Email (work): miguel.martinez@inecc.gob.mx		Email (private):	
4. Academic and technical qualifications			
First university degree: Environmental Engineering		Area of specialization: water treatment	
Other degrees (if any): Master Areas of specialization: Science and Environmental Engineering			
5. Language skills	speaking	writing	understanding
1. Spanish	100	100	100
2. English	85	85	85
3.			

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

1. Title of training:	Training seminar on the UNEP Toolkit for identification and quantification of mercury releases
Start and end date of training:	9-13 December 2013
Name of the institute providing the training:	UNEP
2. Title of training:	QSAR toolbox
Start and end date of training:	21-25 October 2013
Name of the institute providing the training:	UNAM
3. Title of training:	Final training on PCB
Start and end date of training:	26-27 November 2013
Name of the institute providing the training:	PNUD

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the Project/activity.	Update of National Chemical Inventory
Your role and responsibilities:	Design and carry out of the update of National Chemical
Nature of task (check relevant boxes):	Management <input checked="" type="checkbox"/> Technical <input type="checkbox"/>
Your achievements:	In process
2. Name of the Project/activity	

Your role and responsibilities: Develop a National Register for Chemicals

Nature of task (check relevant boxes): Management ☒ Technical ☐

Your achievements: In process

3. Name of the Project/activity National Chemical Inventory

Your role and responsibilities: Design of the data base of the National Chemical Inventory and processing their data

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements: Publishing the National Chemical Inventory in the INECC web page

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

2. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity First regional workshop and technical assistance for GRULAC on POPs

Recipient/s (institution) of the activity Nine countries in GRULAC

Year 2013

Main activities undertaken Planning and conducted lectures

2. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

3. Name of the training/capacity building activity

Recipient of the activity

Year

Main activities undertaken

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1.

2.

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5.

Your achievements: From the operation of the network for 5 years, it was possible to generate the baseline for dioxins and furans in Mexico

2. Name of the Project/activity:

Experimental tests aimed to determine Polychlorinated Dioxin and Furan releasing factors for Uncontrolled Sugar Cane On-Site Burning

Your role and responsibilities: Coordinator

Nature of task (check relevant boxes): Management ☒ Technical ☐

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity:

Diagnosis of toxic compounds in ambient air and spatial characterization of emission sources and meteorology in the Border Region of Baja California Norte.

Your role and responsibilities: coordinator and technical responsible

Nature of task (check relevant boxes): Management ☒ Technical ☒

Your achievements:

2. Name of the Project/activity:

Evaluation of PM_{2.5}, VOCs and ozone to define control measures in Metropolitan Areas of Mexico City, Guadalajara and Monterrey: Stage I

Your role and responsibilities: coordinator and technical responsible

Nature of task (check relevant boxes): Management ☒ Technical ☐

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

2. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

3. Name of the training/capacity building activity

Recipient of the activity

Year

Main activities undertaken

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1.

2.

3.

4.

5.

1. Name: Ana Paulina Avila Forcada	2. Date of birth: SEPT 21, 1978.		
3. Contact details: House number/Street/City/Country: Periférico 5000 / Insurgentes-Cuicuilco / Coyoacán / 04530 / Mexico City / México. Telephone: Landline: +52 55 54246400 Ext. 13301 Mobile: Email (work): ana.avila@inecc.gob.mx Email (private):			
4. Academic and technical qualifications First university degree: Chemical Engineering Area of specialization: Petrochemical Other degrees (if any): ; Areas of specialization:			
5. Language skills			
	speaking	writing	understanding
1. English	90%	85%	90%
2.			

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

1. Title of training: Waste Management and 3Rs (Reduce, Reuse and Recycle) Policies Start and end date of training: June - July, 2011 Name of the institute providing the training: Clean Japan Center and the Japan International Cooperation Agency (JICA)
2. Title of training: Co-processing waste materials in cement production Start and end date of training: May 11th to 14th, 2009 Name of the institute providing the training: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.
3. Title of training: Environmental Conservation Course. Programme for Young Leaders. Start and end date of training: November – December, 2007 Name of the institute providing the training: Japan International Cooperation Agency (JICA)

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the Project/activity Life Cycle Assessments (LCA): Plastic bags (PB) Your role and responsibilities: Follow-up the development of the different stages of the assessment. Link the stakeholders for the collection of basic information for the Assessments. Nature of task (check relevant boxes): Management <input type="checkbox"/> Technical <input checked="" type="checkbox"/>

Your achievements:

Identify methodological aspects for review of the Assessment; develop a Technical Report relevant for decision making; participates in the diffusion of the LCA methodology and the Mexican experience of LCA of Plastic bags.

2. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management 0 Technical 0

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management 0 Technical 0

Your achievements:

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity

Sustainable Cities in Mexico

Your role and responsibilities:

Collaborating in the construction of Waste indicators for the metropolitan zone of Queretaro, Mexico.

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

- Waste management indicators was defined and measured
- Evaluation to Queretaro City in Waste management
- Recommendations for waste management improvement

2. Name of the Project/activity

Life Cycle Assessments (LCA): Polyethylene terephthalate (PET) in Mexico.

Your role and responsibilities:

- Link the stakeholders for the collection of basic information for the Assessments
-

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

- Establish a base of communication with stakeholders of the PET material in Mexico for the development of the Assessment in the steps of Inventory integration.

3. Name of the Project/activity

Technical Assistance, Mexico-Japan Programm (JMPP), Training for third countries.

Your role and responsibilities:

To participate in the coordination of the International Course for the development of elements that strengthen the instrumentation of Waste Management with a perspective on 3Rs. Period 2013 – 2015; technical advising in the Action Plan of the participating countries.

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

- Accomplishment of two editions of the International Course, technical advising of two international Action Plans and one national Action Plan of the participating countries

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity

LCA of Plastic Bags in Mexico

Recipient/s (institution) of the activity

Participants of the Second Edition of the International Course for the development of elements that strengthen the instrumentation of Waste Management with a perspective on 3Rs

Year: November, 2013.

Main activities undertaken

- Share the Mexican experience on LCA of Plastic Bags and a review of the methodology of LCA Assessment.
- Develop an interactive case study of consumption analysed on the 3Rs concepts.

2. Name of the training/capacity building activity

Review of Case of the use of LCA's tool and Awareness of Consumption as baseline for 3Rs

Recipient/s (institution) of the activity

Participants of the First Edition of the International Course for the development of elements that strengthen the instrumentation of Waste Management with a perspective on 3Rs

Year: February, 2013

Main activities undertaken

- Share the Mexican experience on LCA of Plastic Bags and a review of the methodology of LCA Assessment.

3. Name of the training/capacity building activity

Year

Main activities undertaken

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1.

2.

3.

4.

5.

1. Name: Ania Mendoza Cantú		2. Date of birth: 15/11/1969	
3. Contact details:			
House number/Street/City/Country: Periférico Sur # 5000. Col. Insurgentes Cuicuilco. C.P. 04530. Delegación Coyoacán, México, Distrito Federal, México			
Telephone: Landline: (55) 54246400 ext. 13251		Mobile:	
Email (work): ania.mendoza@inecc.gob.mx		Email (private): aniamendozacantu@yahoo.com.mx	
4. Academic and technical qualifications			
First university degree: Biologist		Area of specialization:	
Other degrees (if any): Master and PhD		Areas of specialization: Toxicology	
5. Language skills	speaking	writing	understanding
1. Spanish	✓	✓	✓
2. English	✓	✓	✓
3.			

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

1. Title of training: Course on Communication Strategies for Scientifics Start and end date of training: October 28 th and 29 th , 2013 Name of the institute providing the training: Sociedad Mexicana para la Divulgación de la Ciencia y la Técnica
2. Title of training: Course on Indexes and Indicators of Sustainability: concepts and interpretations Start and end date of training: September 19 th to 28 th , 2013 Name of the institute providing the training: Programa Universitario del Medio Ambiente de la Universidad Nacional Autónoma de México
3. Title of training: Course on Risk Communications and Public Participation Start and end date of training: September 9 th to 11 th , 2008 Name of the institute providing the training: US Environmental Protection Agency

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the Project/activity Development of a methodology to identify environmental sensitive sites to the effect of terrestrial oil spills Your role and responsibilities: Design and preparation of the term of reference for the project Coordination of the project. Follow up of consultant activities Review of the technical reports and other final products Nature of task (check relevant boxes): Management <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Your achievements: Development of a probed methodology that can help Mexican oil industry to better manage its pipeline net and environmental and energy authorities to control oil spills Preparation and publication of two books and one peer reviewed paper Presentations in several national and international fora
2. Name of the Project/activity Proposal of a bioassays battery for the environmental assessment in Mexico Your role and responsibilities: Design and preparation of the term of reference for the project Coordination of the project. Follow up of consultant activities Review of the technical reports and other final products Nature of task (check relevant boxes): Management <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Your achievements: The proposed battery was a relevant input to update the national standards for waste water discharges
3. Name of the Project/activity

Technical assistance for the pesticide registry department of the Environmental Ministry

Your role and responsibilities:

Review scientific and technical information to support the update of national standards and other regulations

Participate in working groups meetings to update those regulations

Give technical opinions about the registrations of new pesticides

Participate in the develop guidelines for pesticide registration in Mexico

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

Contributions to improve the pesticide registration procedures in Mexico and to introduce the risk assessment methodologies

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity

Implementation of the North American Regional Action Plan on Lindane and other Hexachlorocyclohexane isomers

Your role and responsibilities:

Participation as a representative of Mexican environmental authorities in the Lindane Task Force Group of the North American Environmental Cooperation Commission

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

This project boosted the elimination of lindane uses in US; Canada and Mexico

2. Name of the Project/activity

National Chemical Registry

Your role and responsibilities:

Review information about the current national and international status of chemical control and management

Prepare the background documents for the legal changes required to implement de National Chemical Registry in Mexico

Participate in meeting to share information about the registry with other government agencies, OGNs, industrial and academic sectors

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

This project is been developed in this moment. By now there have been meeting with some of the actors involved and they agreed to contribute to the project

3. Name of the Project/activity

Diagnostic of Persistent Organic Pollutants in the Yaqui Valley, Sonora

Your role and responsibilities:

Review and comments to the results and final report

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements

This project was one of the formal starting activities of the National Programme of Environmental Monitoring and Assessment of Toxic, Persistent and Bioaccumulative Substances

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity

Fist Workshop for the Technical Assistance and Capacity Strengthening for the Implementation and Compliance of Stockholm Convention in GRULAC

Recipient/s (institution) of the activity

Government representatives of 8 Latin American countries

Year 2013

Main activities undertaken

Presentation of Mexico`s capacities and achievements that can be shared with the GRULAC countries

Agreements for common project to be developed in the frame of the Regional Centre of Stockholm Convention

2. Name of the training/capacity building activity

Course of Ecotoxicological assays and other tools for environmental assessment

Recipient/s (institution) of the activity

Attendees to the First International Congress of Environmental Health organized by the University of Guadalajara

Year 2010

Main activities undertaken

Theoretical sessions and exercises about the following topics:

- General notions about pollution and environmental impact
- Environmental fate of pollutants
- Basic concepts about risk, hazards, exposure and effects
- Bioassays and other ecotoxicological tools (types, requirements, QA/QC issues and applications)
- Current situation and need for bioassay application in Mexico

3. Name of the training/capacity building activity

First, Second and Third National Research Fora on Persistent Organic Pollutants

Recipient of the activity

National academic sector involved in POPs research

Year 2005, 2006 and 2008

Main activities undertaken

Information share and discussions with the academic sector about the national research priorities for POPs

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1. Mendoza Cantú A, Ramírez Romero P, Pica Granados Y, Cuesta Zarco IJ, Salazar Coria L, Sobrino Figueroa AS. 2013. Intercalibración de las pruebas con *Daphnia magna* y *Pseudokirchneriella subcapitata* en México: herramientas potenciales para el monitoreo ambiental. *Hidrobiológica*. 23: 97-110

2. Mendoza Cantú A, Cram Heydrich S, Sommers Cervantes I, Oropeza Orozco O. 2011. Identification of environmental vulnerable priority areas to prevent and manage pipeline oil spills. *J. Environ. Manag.* 92: 1706-1713

3. Mendoza Cantú A, Ramírez-Romero P, and Pica-Granados Y. 2007. Environmental Legislation and Aquatic Ecotoxicology in Mexico: Past, Present and Future Scenarios. *J. Environ. Sci. Health, Part A*. A42: 1343-1348

4. Zapata-Pérez O, Ceja-Moreno V, Roca Olmos M, Pérez MT, Del Río-García M, Yarto M, Mendoza-CantúA, Ize-Lema AI, Gavilán-GarcíaA, Sánchez-Teyer F and Gold-BouchotG. 2007. Ecotoxicological Effects of POPs on Ariidae *Ariopsis felis* (Linnaeus, 1766) from Three Coastal Ecosystems in the Southern Gulf of Mexico and Yucatan Peninsula. *J. of Environ. Sci. Health, Part A*. A42: 1513-1511

1. Name: Alejandra Joy Campos Rivera	2. Date of birth: Feb 25, 1974.												
3. Contact details: House number/Street/City/Country: Periférico 5000 / Insurgentes-Cuicuilco / Coyoacán / 04530 / Mexico City / México. Telephone: Landline: +52 (55) 5424 6400 Ext. 13301 Mobile: Email (work): alejandra.campos@inecc.gob.mx Email (private):													
4. Academic and technical qualifications First university degree: Chemical Engineering Area of specialization: Environment and Industrial quality control Other degrees (if any):													
<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">5. Language skills</td> <td style="width: 20%;">speaking</td> <td style="width: 20%;">writing</td> <td style="width: 30%;">understanding</td> </tr> <tr> <td>1. English</td> <td>70%</td> <td>70%</td> <td>90%</td> </tr> <tr> <td>2.</td> <td></td> <td></td> <td></td> </tr> </table>		5. Language skills	speaking	writing	understanding	1. English	70%	70%	90%	2.			
5. Language skills	speaking	writing	understanding										
1. English	70%	70%	90%										
2.													

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

1. Title of training: Waste Management and 3Rs (Reduce, Reuse and Recycle) Policy Start and end date of training: November 17, 2010 - December 18, 2010 Name of the institute providing the training: Clean Japan Center and the Japan International Cooperation Agency (JICA)
2. Title of training: Start and end date of training: Name of the institute providing the training:
3. Title of training: Start and end date of training: Name of the institute providing the training:

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the Project/activity Waste Management and 3Rs policy Your role and responsibilities: - Technical and administrative follow-up for evaluation of waste management projects, treatment and final disposal technologies. Nature of task (check relevant boxes): Management <input checked="" type="checkbox"/> Technical <input checked="" type="checkbox"/> Your achievements:
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- International Training Courses developed in México: Develop of three editions of the "International Training Course for Integrated Waste Management with 3R's approach to the countries of Central America and the Caribbean" (2010-2012) and three editions to be carried out of the "International Training Course on the development of elements that strengthen the implementation of sound waste management with focus on 3R's (Reduce, Reuse and Recycle)" (2013-2014).

2. Name of the Project/activity

- Life Cycle Assessment of PET Bottle waste in Mexico

Your role and responsibilities:

- Development of Life Cycle Inventory, environmental impact calculations and Results interpretation

Nature of task (check relevant boxes): Management ☒ Technical ☒

Your achievements:

- Life Cycle Inventory
- A National Study of Life Cycle Assessment of PET Bottle waste in Mexico, including the evaluation of the benefits to the level of impact of climate change due to existing schemes separation, collection and recycling in Mexico, which was carried out using the software Umberto®.

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity

Sustainable Cities in Mexico

Your role and responsibilities:

Development of waste indicator

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

- Waste management indicators was defined and measured
- Evaluation to Aguascalientes City in Waste management
- Recommendations for waste management improvement

2. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

- 1.
- 2.
- 3.
- 4.
- 5.

1. Name: Faviola Altúzar Villatoro	2. Date of birth: 31-August-1979		
3. Contact details: House number/Street/City/Country: Periférico 5000 / Insurgentes-Cuicuilco / Coyoacán / 04530 / Mexico City / México. Telephone: Landline: +52 (55) 5424 6400 Ext. 13301 Mobile: Email (work): faviola.altuzar@inecc.gob.mx Email (private):			
4. Academic and technical qualifications First university degree: Instituto Tecnológico de Tuxtla Gutiérrez Area of specialization: Chemical Engineering Other degrees (if any): Master of Science Areas of specialization: Environmental catalysis			
5. Language skills			
	speaking	writing	understanding
1. English	75%	75%	75%
2.			

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

<p>1. Title of training: 7th Summer school on Toxic Compounds in the Environment 2011. Start and end date of training: June 27 – 2nd July 2011 Name of the institute providing the training: Research Centre for Toxic Compounds in the Environment</p> <p>2. Title of training: Workshop for beginners on QSAR toolbox Start and end date of training: 21 – 25 October 2013 Name of the institute providing the training: National Institute of Ecology and Climate Change</p> <p>3. Title of training: Advanced course on sampling and soil characterization. Start and end date of training: July 2008. Name of the institute providing the training: Universidad Autónoma Metropolitana-Iztapalapa</p>
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6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

<p>1. Name of the Project/activity</p> <p>Your role and responsibilities:</p> <p>Nature of task (check relevant boxes): Management <input type="checkbox"/> Technical <input type="checkbox"/></p> <p>Your achievements:</p> <p>2. Name of the Project/activity</p> <p>Your role and responsibilities:</p>
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Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity

“Mercury Storage and Disposal in México and Panamá”

Your role and responsibilities: Review the final report.

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

It was possible to identify the potential sites for the temporal storage of mercury waste.

2. Name of the Project/activity

“Health risk assessment from mercury exposition due to marine fish consumption in fisher communities”.

Your role and responsibilities: Review the final report.

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

Obtain the ration of shark from the sites in study that can be eaten without health risk.

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

2. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

3. Name of the training/capacity building activity

Recipient of the activity

Year

Main activities undertaken

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1.

2.

3.

4.

5.

1. Name: Jephthe Raquel Cruz Aliphat		2. Date of birth: March 14 th , 1976	
3. Contact details:			
House number/Street/City/Country: Periférico 5000 / Insurgentes-Cuicuilco / Coyoacán / 04530 / Mexico City / México.			
Telephone: Landline: +52 55 54246400 Ext. 13301		Mobile:	
Email (work): jephthe.cruz@inecc.gob.mx		Email (private):	
4. Academic and technical qualifications			
First university degree: Chemical engineer		Area of specialization: physicochemical	
Other degrees (if any): Master's degree in earth sciences		Areas of specialization: atmospheric physicochemical	
5. Language skills	speaking	writing	understanding
1. English	80	80	90
2.			

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

1. Title of training:	"Desarrollo de la prueba de toxicidad con el organism Daphnia magna"
Start and end date of training: 27 - 28 June, 2012	
Name of the institute providing the training: Instituto Nacional de Ecología	
2. Title of training:	"Taller de evaluación de resultados y orientación del Programna Nacional de Monitoreo y Evaluación Ambiental de Sustancias Tóxicas, Persistentes y Bioacumulables (PRONAME)"
Start and end date of training: 12 – 13 July, 2012	
Name of the institute providing the training: Instituto Nacional de Ecología	
3. Title of training:	"Fundamentos en Ecotoxicología: Toma de Muestras e Histología Básica"
Start and end date of training: 17 – 19 October, 2012	
Name of the institute providing the training: Intituto Nacional de Ecología y Cambio Climatico, Universidad Autónoma Metropolitana and AMEQA	

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the Project/activity:	"Programa Nacional de Monitoreo y Evaluación Ambiental"
Your role and responsibilities: Specimen collection and analysis of results	
Nature of task (check relevant boxes): Management <input type="checkbox"/> Technical <input checked="" type="checkbox"/>	
Your achievements: Develop micro-site PRONAME	
2. Name of the Project/activity:	"Evaluación de impacto de la contaminación del aire de la Ciudad de México sobre los microambientales y la exposición personal en áreas remotas y semirrurales"
Your role and responsibilities: Environmental monitoring and personal air pollutants	
Development and validation of the database	

Processing and analysis of information

Nature of task (check relevant boxes): Management ☒ Technical ☒

Your achievements: Project report

3. Name of the Project/activity “Evaluación de concentraciones microambientales de partículas suspendidas en hogares rurales de Michoacán y las actividades que influyen la exposición personal”

Your role and responsibilities: Coordination and logistics of field work

Integration of relevant databases

Development of partial and final reports of results

Fieldwork

Nature of task (check relevant boxes): Management ☒ Technical ☒

Your achievements: Project report

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity “Diagnóstico de tendencias especiales y estacionales de partículas suspendidas PM2.5, compuestos orgánicos volátiles, así como H₂S en la ciudad de Salamanca”

Your role and responsibilities: Development and validation of the database
Fieldwork

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements: Project report

2. Name of the Project/activity “Diagnóstico de presencia y rangos de ácido sulfhídrico, mercaptanos, compuestos orgánicos persistentes, así como contaminantes criterio en la zona del Sureste de Salamanca, Guanajuato”

Your role and responsibilities: Determination of the presence and persistent ranges hydrogen sulphide mercaptans, organic compounds in field

Integration of relevant databases

Development of partial and final reports of results

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements: Project report

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

2. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

3. Name of the training/capacity building activity

Recipient of the activity

Year

Main activities undertaken

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1. Journal of Exposure Science and Environmental Epidemiology, 2006. "The Impact of Improved Wood Burning Stoves Fine Particulate Matter Concentrations in Rural Mexican Homes", Miriam Zuk, Leonora Rojas, Salvador Blanco, Paulina Serrano, Jephté Cruz, Felipe Ángeles, Guadalupe Tzintzun, Cynthia Armendariz, Rufus D. Edwards, Henry Wornshimmel, Micheal Johnson, Horacio Riojas, and Omar Masera.

2.

3.

4.

5.

1. Name: Laura Andreina Nevárez Domínguez 2. Date of birth: March 9th, 1971

3. Contact details:

House number/Street/City/Country: Periférico 5000 / Insurgentes-Cuicuilco / Coyoacán / 04530 / Mexico City / México.

Telephone: Landline: +52 55 54246400 Ext. 13301 Mobile:

Email (work): laura.nevarez@inecc.gob.mx Email (private):

4. Academic and technical qualifications

First university degree: Food Chemistry Area of specialization: Gas Chromatography

Other degrees (if any): Master's degree in Industrial Management Areas of specialization: Chemical Industry

5. Language skills	speaking	writing	understanding
1. English	75%	80%	80%
2.			

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

1. Title of training: Taller sobre tratamiento y análisis de plaguicidas clorados en suelos y sedimentos (Workshop on processing and analyzing chlorinated pesticides in soils and sediments).

Start and end date of training: from June 18th to 22nd 2012.

Name of the institute providing the training: United States Environmental Protection Agency (USEPA), region 5.

2. Title of training: Determinación y monitoreo de COPs en muestras ambientales (Determination and monitoring of POPs in environmental samples).

Start and end date of training: from March 4th to 8th 2013.

Name of the institute providing the training: Empresa del Medio Ambiente en Sao Paulo Brasil-CETESB (Sao Paulo, Brasil Environmental Agency).

3. Title of training: Análisis de PBDEs en muestras de aire por Cromatografía de Gases acoplada a espectrometría de masas y Espectrometría de masas con triple cuadrupolo (PBDE analysis in air samples by Gas Chromatography coupled to Mass spectrometry and Mass spectrometry with triple quadrupole).

Start and end date of training: from March 18th to 22nd 2013

Name of the institute providing the training: Department of Aquatic Sciences and Assessment, Swedish Univeristy of Agricultural Sciences (SLU).

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the Project/activity

Programa Nacional de Monitoreo y Evaluación Ambiental de Sustancias Tóxicas Persistentes y Bioacumulables-PRONAME (National Programme for Environmental Monitoring and Assessment of Toxic, Persistent and Bioaccumulative Substances).

Your role and responsibilities:

Team coordinator for processing and analyzing samples to determine Chlorinated Pesticides and Marker PCBs by Gas Chromatography with Electron Capture Detector, in water, sediments, soils and biota samples, being the responsible of reviewing the analytical report.

As an organic compounds expert, reviewing the analytical procedures for this project and GRULAC region.

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements: To deliver a report with reliable results that accomplishes the Assurance and Quality Control System of the laboratory.

To have analytical procedures reviewed to share with the participants of the project and GRULAC region.

2. Name of the Project/activity

Global Monitoring Plan (GMP)

Your role and responsibilities:

Team coordinator for processing and analyzing samples to determine Chlorinated Pesticides and Marker PCBs by Gas Chromatography coupled with Mass Spectrometry, in air samples, being the responsible of reviewing the analytical report.

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

To deliver a report with reliable results that accomplishes the Assurance and Quality Control System of the laboratory.

3. Name of the Project/activity

Study of pollutants in eggs and embryos of sea turtles.

Your role and responsibilities:

Team coordinator for processing and analyzing samples to determine the hydrocarbons profile by Gas Chromatography with Flame Ionization Detector, as well as to determine PAH profile by Gas Chromatography coupled to Mass Spectrometry in turtle eggs and turtle embryo, being the responsible of reviewing the analytical report.

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

To deliver a report with reliable results that accomplishes the Assurance and Quality Control System of the laboratory.

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical

Your achievements:

2. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical

Your achievements:

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity

Extracción y limpieza en muestras ambientales para el análisis de COPs (Extraction and clean-up of environmental samples to determine POPs).

Recipient/s (institution) of the activity

GRULAC Region countries

Year

2013

Main activities undertaken

Training about analytical procedures to determine POPs

Generating a diagnosis of the analytical capacity of GRULAC region countries.

Sharing information among countries of the region about problems and strengths to build analytical capacity to monitor and analyze POPs.

2. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

3. Name of the training/capacity building activity

Recipient of the activity

Year

Main activities undertaken

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1.

2.

3.

4.

5.

1. Name: María de los Ángeles Benítez Macías		2. Date of birth: 07 June, 1973	
3. Contact details:			
House number/Street/City/Country: Periférico 5000 / Insurgentes-Cuicuilco / Coyoacán / 04530 / Mexico City / México.			
Telephone: Landline: +52 55 54246400 Ext. 13301		Mobile:	
Email (work): maria.benitez@inecc.gob.mx		Email (private):	
4. Academic and technical qualifications			
First university degree: QFB		Area of specialization: Master in Chemistry Sciences	
Other degrees (if any): PhD in Sciences Environmental		Areas of specialization:	
5. Language skills	speaking	writing	understanding
1. Italian	95	95	95
2. English	65	75	85

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

1. Title of training:
Start and end date of training:
Name of the institute providing the training:
2. Title of training:
Start and end date of training:
Name of the institute providing the training:
3. Title of training:
Start and end date of training:
Name of the institute providing the training:

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the Project/activity:
Study of Organic Sulphur Compounds (DMS, DMSP and DMSO) in Lagoon Ecosystems: The case of the Venice Lagoons.
Your role and responsibilities:
I worked with the Prof. Andrea Gambaro responsible of the research group of the Department of Environmental Sciences. I worked in the evaluation of the particulate matter and organic sulphur compounds in the Venice Lagoon; I collected the samples of organic sulphur compounds in the surface water in the Venice Lagoon, six stations were selected for the study; these stations are located in the North

and Centre of the Lagoon of Venice; I developed the analytical methodology of the study and I determined quantitatively the total organic sulphur compounds concentrations from samples obtained in surface water of the Venice Lagoon using gas chromatography; I elaborated the database of these compounds; I trained the Doctor Joan Coppola about the sampling and analysis of the organic compounds of the Grado and Marano Lagoon; I collaborated in the analytical methodology of this study.

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

I worked and collaborated in the project of investigation in the Pacific Mexican in the oceanographic ship to obtaining major experience in the scientific area.

I worked with equipments of chromatography connected to purge and trap and gas chromatography connected to spectrometry of masses.

I worked with spectrometric and fluorometric methods.

I took part in the project of investigation conservation, reforestation, capture of carbon and walk Jaguarundi in which was obtained to the merit 2004 supported for PEMEX-Petrochemistry Cecadesu-SEMARNAT.

2. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity

Evaluation of loads criticas in the Metropolitan Zone of the Valley of Mexico

Your role and responsibilities:

I helped and validated the method of analysis of atmospheric pollutants (SO_4 , NO_3 , NH_4 , PO_4) according to the quality criteria established by CENICA by means of resins of ionic exchange.

I coordinated and placed the resins of passive monitoring of pollutants close to different stations of the Network of Atmospheric Warehouse (REDDA) for the evaluation of his efficiency like method of monitoring of the warehouse of pollutants.

I gathered the resins exposed in the Ex-Convento de Desierto de los Leones, Ajusco, Milpa Alta, Montecillo and Laboratory of Environmental Analysis and to carry out the extraction of the atmospheric pollutants (SO_4 , NO_3 , NH_4 , PO_4) of agreement to the protocol of extraction of pollutants in resins of ionic exchange.

I prepared the protocols of sampling, preparation of the columns and extraction of the atmospheric pollutants.

I worked and analyzed the database.

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

I instructed for the extraction of the atmospheric pollutants.

I worked with the procedure of extraction of atmospheric pollutants (SO₄, NO₃, NH₄, PO₄)

2. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

2. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

3. Name of the training/capacity building activity

Recipient of the activity

Year

Main activities undertaken

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1. Gambaro Andrea, Benitez Macias, A., Corami F., Cescon P. Study of Organic Sulphur Compounds (DMS, DMSP and DMSO in Lagoon Ecosystems: The case of the Venice Lagoons. Epitome Volume 2, 2007. Geoitalia Sesto Forum Italiano di Scienze della Terra. FIST Federazione Italiana di Scienze della Terra. Rimini. Italia:
2. Gambaro Andrea, Benitez Macias, A., Corami F., Cescon P. Vulnerabilità delle Coste e degli ecosistemi marini ai cambiamenti climatici e loro ruolo nei cicli del carbonio mediterraneo, VECTOR. Workshop finale, Roma, Italy

3.

2. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity. PRONAME

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

2. Name of the Project/activity:

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

2. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

3. Name of the training/capacity building activity

Recipient of the activity

Year

Main activities undertaken

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1.

2.

3.

4.

5.

1. Name: Abraham Ortiz Alvarez	2. Date of birth: 16/03/1974																
3. Contact details: House number/Street/City/Country: Periférico 5000 / Insurgentes-Cuicuilco / Coyoacán / 04530 / Mexico City / México. Telephone: Landline: +52 55 54246400 Ext. 13301 Mobile: Email (work): jose.ortinez@inecc.gob.mx Email (private):																	
4. Academic and technical qualifications First university degree: Chemical Engineer Area of specialization: Air Pollution Other degrees (if any): Ph.D Areas of specialization: Modelling, Inventories																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">5. Language skills</th> <th style="width: 20%;">speaking</th> <th style="width: 20%;">writing</th> <th style="width: 30%;">understanding</th> </tr> </thead> <tbody> <tr> <td>1. Spanish</td> <td>mother tongue</td> <td></td> <td></td> </tr> <tr> <td>2. English</td> <td>100%</td> <td>100%</td> <td>100%</td> </tr> <tr> <td>3. French</td> <td>30%</td> <td>20%</td> <td>30%</td> </tr> </tbody> </table>		5. Language skills	speaking	writing	understanding	1. Spanish	mother tongue			2. English	100%	100%	100%	3. French	30%	20%	30%
5. Language skills	speaking	writing	understanding														
1. Spanish	mother tongue																
2. English	100%	100%	100%														
3. French	30%	20%	30%														

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

1. Title of training: Megacities Management Pollution Start and end date of training: September- October 2011 Name of the institute providing the training: JICA-OSAKA Centre, GEC-UNEP
2. Title of training: Start and end date of training: Name of the institute providing the training:
3. Title of training: Start and end date of training: Name of the institute providing the training:

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the Project/activity Dioxin and Furans Air Monitoring Network Your role and responsibilities: Inventories and Modeling Nature of task (check relevant boxes): Management <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Your achievements: Participant of the National Inventories for Dioxin and Furans and modelling the fate and transport of the Mexican emission of Dioxin and Furans.
--

2. Name of the Project/activity

National Network of Air Deposition

Your role and responsibilities: Coordinate the research on two sites in Mexico City

Nature of task (check relevant boxes): Management ☒ Technical ☐

Your achievements: Developed the design, monitoring, analytical techniques, and modeling

3. Name of the Project/activity

Evaluation of PM, 2.5, VOC's , Ozone over the most important cities in Mexico, Guadalajara, Monterrey and Mexico City, International Project with University of Ehime-JAPAN and INECC

Your role and responsibilities: Coordinate the working group of Modeling, Inventories and Monitoring

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements: Verify the Monitoring stations, improve the local emission inventories and develop capacities of air quality modeling.

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

2. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity; Air quality modelling for organic persistent pollutants

Recipient/s (institution) of the activity; SEMARNAT

Year 2012

Main activities undertaken

Introduction to air modelling

Inventories for modelling

Emissions and Impact of modeling

2. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

3. Name of the training/capacity building activity

Recipient of the activity

Year

Main activities undertaken

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1.ON THE DRY DEPOSITION OF IONIC SPECIES AT TWO NATIONAL PARKS LOCATED IN THE VICINITY OF POWER PLANTS IN MEXICO ISSN: 1109-9577, JULIA CERON, ROSAMARIA CERON, BEATRIZ CARDENAS, ENRIQUE CRUZ, BERENICE DIAZ, GUADALUPE CARBALLO, TEZOZOMOC PEREZ, JAVIER REYES, MANUEL MURIEL, JESUS GUERRA, INTERNATIONAL JOURNAL OF ENERGY AND ENVIRONMENT, Vol.1, Pag.31-38,

2.METEOROLOGICAL OVERVIEW AND PLUME TRANSPORT PATTERNS DURING CAL-MEX2010; DOI: 10.1016/J.ATMOSENV2012.01.065 : ISSN 1352-2310, Bei, Naifang, Li, Guohui, Zavala, Miguel, Barrera. H, Torres. R, Grutter. M, Gutiérrez. W, García. M, Ruiz-Suarez. L, Guitierrez. Y, Alvarado. C, Flores. I, Molina, Luisa T., ATMOSPHERIC ENVIRONMENT, Vol. , Pag.1-13,

3.ATMOSPHERIC DRY DEPOSITION IN THE PROXIMITY OF OIL-FIRED POWER PLANTS AT MEXICAN PACIFIC COAST: ISSN 2152-2197, R. M. Cerón, J. G. Cerón, C. Aguilar, C. Montalvo, C. Carballo, B. Cárdenas, A. Ortinez, M. Cocom, J. Carrillo, Journal of Environmental Protection, Vol.3, Pag.1228-1237

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity; Red Mexicana de Monitoreo de Dioxinas y Furanos en aire Ambiente

Your role and responsibilities: Técnico-instructor y supervisor de la operación de los equipos de muestreo en los diferentes sitios de muestreo.

Nature of task (check relevant boxes): Management ☐ Technical XX☐

Your achievements: Tres años de operación de la Red Mexicana de Dioxinas y furanos con sus respectivos informes de actividades.

2. Name of the Project/activity; Proyecto de colaboración entre EU-México sobre la Calidad del Aire y el Cambio Climático en la Región Fronteriza California-México

Your role and responsibilities: Supervisor de las actividades de campo y técnico instructor en monitoreo atmosférico de partículas ambientales.

Nature of task (check relevant boxes): Management ☐ Technical XX☐

Your achievements: Informe de Actividades y bases de datos.

3. Name of the Project/activity; “Joint Research Project on Formation Mechanism of Ozone, VOC’s and PM2.5 and Proposal of Countermeasure Scenario. – Investigación sobre Exposición personal a Aldehídos, Ozono, VOC’s y PM2.5 en usuarios del transporte público en la Zona Metropolitana del Valle de México.

Your role and responsibilities: Líder de grupo de trabajo en campo y supervisor de actividades de muestreo.

Nature of task (check relevant boxes): Management XX☐ Technical XX☐

Your achievements: Dos Informes Tecnicos

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity: “Taller de capacitación en el Muestreo de Dioxinas y Furanos”

Recipient/s (institution) of the activity; Investigadores y técnicos que operarios de los equipos de muestreo de la Red Mexicana de Monitoreo de Dioxinas y Furanos en Aire Ambiente.

Year: 2008

Main activities undertaken; capacitación en el mantenimiento, operación y calibración de los muestreadores PS-1 y en el control de calidad en el manejo de medios de muestreo y muestras obtenidas de Dioxinas y Furanos.

2. Name of the training/capacity building activity: Mantenimiento, operación y calibración de muestreadores de partículas ambientales y control de calidad en el manejo de muestras obtenidas.

Recipient/s (institution) of the activity: Personal técnico de los Gobiernos de los Estados Mexicanos de Puebla y Tlaxcala

Year: 2013

Main activities undertaken: Se corrigieron errores sistemáticos y se mejoró sensiblemente la operación de las redes de muestreo instaladas en estas localidades.

3. Name of the training/capacity building activity: Capacitación y asesoría permanente en Mantenimiento, Operación y calibración de equipos de muestreo de partículas atmosféricas, en microambientes y a nivel de exposición personal.

Recipient of the activity; Técnicos y personal de investigación de Gobierno y algunas instituciones privadas interesadas en el tema.

Year: Calendario abierto

Main activities undertaken: Aumento en las capacidades técnicas de personal de Instituciones de investigación y Gobiernos Estatales.

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1.

2.

3.

4.

5.

1. Name: Juan Antonio Velasco Trejo	2. Date of birth: 31/01/1974		
3. Contact details: House number/Street/City/Country: Periférico 5000 / Insurgentes-Cuicuilco / Coyoacán / 04530 / Mexico City / México. Telephone: Landline: +52 55 54246400 Ext. 13301 Mobile: Email (work): juan.velasco@inecc.gob.mx Email (private):			
4. Academic and technical qualifications First university degree: Chemical engineer Area of specialization: Other degrees (if any): Master's degree in chemical engineering Areas of specialization: Soil remediation			
5. Language skills			
	speaking	writing	understanding
1. INGLES	70%	90%	70%
2.			

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

1. Title of training:	
Start and end date of training:	
Name of the institute providing the training:	
2. Title of training:	
Start and end date of training:	
Name of the institute providing the training:	
3. Title of training:	
Start and end date of training:	
Name of the institute providing the training:	

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the Project/activity	
Your role and responsibilities:	
Nature of task (check relevant boxes): Management <input type="checkbox"/> Technical <input type="checkbox"/>	
Your achievements:	
2. Name of the Project/activity	
Your role and responsibilities:	
Nature of task (check relevant boxes): Management <input type="checkbox"/> Technical <input type="checkbox"/>	
Your achievements:	

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity

Pilot plant treatment of chromite ore processing residue

Your role and responsibilities: Principal Investigator

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements: **VELASCO A**, Ramírez ME, Hernández S, Revah S and Schmidt W. 2011. Pilot plant treatment of chromite ore processing residue using sodium sulfide in single reduction and coupled reduction/stabilization processes. *JOURNAL OF HAZARDOUS MATERIALS*. 207–208: 97–102.

2. Name of the Project/activity

Wet deposition and atmospheric mercury monitoring in Celestun, Yucatan, Mexico.

Your role and responsibilities: Principal Investigator

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements: Measurement of atmospheric mercury in Celestún, Yucatán, Mexico during 2012: Data from the Global Mercury Observatory System (GMOS) project. Paper to publish in 2014.

3. Name of the Project/activity

DDT degradation

Your role and responsibilities: Principal Investigator

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements: Ortiz I, Velasco A, Le Borgne S and Revah S. 2013. Biodegradation of DDT in polluted soils by stimulation of native microbial populations with cosubstrates. *BIODEGRADATION*. 24: 215 – 225.

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity

El Destino Ambiental, la Remediación y los Efectos de los Metales Pesados y Arsénico en la Salud Humana en la Región Fronteriza de Sonora y Arizona.

Recipient/s (institution) of the activity: Binacional Center for Environmental Science. Hermosillo, Sonora.

Year: 2005

Main activities undertaken: Taller

2. Name of the training/capacity building activity

Introducción a la Química de Suelos Contaminados con Elementos Potencialmente Tóxicos. Instituto de Geografía.

Recipient/s (institution) of the activity: UNAM. DF, México.

Year: 2004

Main activities undertaken: Curso

3. Name of the training/capacity building activity

Recipient of the activity

Year

Main activities undertaken

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

- 1.Ortiz I, **Velasco A**, Le Borgne S and Revah S. 2013. Biodegradation of DDT in polluted soils by stimulation of native microbial populations with cosubstrates. *BIODEGRADATION*. 24: 215 – 225
- 2.**Velasco A**, Ramírez ME, Hernández S, Revah S and Schmidt W. 2011. Pilot plant treatment of chromite ore processing residue using sodium sulfide in single reduction and coupled reduction/stabilization processes. *JOURNAL OF HAZARDOUS MATERIALS*. 207–208: 97–102.
- 3.Vergara-Fernández A, Vargas G, Alarcón N, **Velasco A**. 2008. Evaluation of marine algae as a source of biogas in a two stage anaerobic reactor system. *BIOMASS AND BIOENERGY*. 32: 338 – 344.
- 4.**Velasco A**, Ramírez M, Volke-Sepúlveda T, González-Sánchez A, Revah S. 2008. Evaluation of feed COD/sulfate ratio as a control criterion for the biological hydrogen sulfide production and lead precipitation. *JOURNAL OF HAZARDOUS MATERIALS*. 151: 407–413
- 5.De la Rosa D A, **Velasco A**, Rosas A, Volke-Sepúlveda T. 2006. Total gaseous mercury and volatile organic compounds measurements at five municipal solid waste disposal sites surrounding the Mexico City metropolitan Area. *ATMOSPHERIC ENVIRONMENT* 40 (12): 2079-2088.

1. Name: Luis Felipe Abreu García		2. Date of birth: 30 April, 1979	
3. Contact details:			
House number/Street/City/Country: Periférico 5000 / Insurgentes-Cuicuilco / Coyoacán / 04530 / Mexico City / México.			
Telephone: Landline: +52 55 54246400 Ext. 13301		Mobile:	
Email (work): luis.abreu@inecc.gob.mx		Email (private):	
4. Academic and technical qualifications			
First university degree: Chemical Engineer		Area of specialization: Engineering	
Other degrees (if any):		Areas of specialization:	
5. Language skills	speaking	writing	understanding
1. Spanish	Native	Native	Native
2. English	65	70	70

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

1. Title of training:	II International Intensive Training Course in Environmental Management of Persistent Organic Pollutants - POPs Stockholm Convention. Module I: Environmentally Sound Management of Persistent Organic Pollutants - POPs.
Start and end date of training:	07-23 January, 2013
Name of the institute providing the training:	Companhia Ambiental do Estado de São Paulo (CETESB).
2. Title of training:	Updated Techniques for Chromatographic Analysis of Environmental Pollutants.
Start and end date of training:	October, 2007
Name of the institute providing the training:	National Autonomous University of Mexico (UNAM).
3. Title of training:	
Start and end date of training:	
Name of the institute providing the training:	

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the Project/activity	
Your role and responsibilities:	
Nature of task (check relevant boxes):	Management <input type="checkbox"/> Technical <input type="checkbox"/>
Your achievements:	
2. Name of the Project/activity	

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity

National Monitoring and Evaluation Program / Second Report Site Manantlan

Your role and responsibilities:

Review of results and report writing

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements: Report

2. Name of the Project/activity

First and second intercomparison exercise on the analysis of POPs for national environmental laboratories.

Your role and responsibilities:

Design and planning of each year, sample preparation and shipping to participating laboratories, receiving results, analysis of results, preparation of the report of each year and report to the participating laboratories.

Nature of task (check relevant boxes): Management ☒ Technical ☒

Your achievements:

Report, Analysis programs for intercomparison exercises on POPs, Protocol development for intercomparison exercises.

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity

Third workshop on analysis of POPs, "Polybrominated Diphenyl Ethers by GC-SM/SM"

Recipient/s (institution) of the activity

- Universidad Autónoma de Baja California. Instituto de Investigaciones Oceanológicas.
- Laboratorios ABC Química, Investigación y Análisis, S.A. de C.V.
- Universidad de Guanajuato, Campus Irapuato-Salamanca, División de Ciencias de la Vida, Departamento de Ingeniería Ambiental.
- Universidad Autónoma de San Luis Potosí. Laboratorio de Género, Salud y Ambiente. Departamento de Toxicología Ambiental. Facultad de Medicina.

Year 2013, March
Main activities undertaken

Coordinator, Organization and Implementation.

2. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

3. Name of the training/capacity building activity

Recipient of the activity

Year

Main activities undertaken

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1.

2.

3.

4.

5.

1. Name: **MIGUEL MAGAÑA REYES** 2. Date of birth: **MARCH 25, 1966**

3. Contact details:

Work number/Street/City/Country: **AV. SAN RAFAEL ATLIXCO 186. VICENTINA, BUILDING "W", 2nd FLOOR. DISTRITO FEDERAL, MÉXICO**

Telephone: Landline: **(+52 55) 5613 3821** Mobile: **(+52 55) 2760 8051**

Email (work): **miguel.magana@inecc.gob.mx** Email (private):

4. Academic and technical qualifications

First university degree: **ENGINEER** Area of specialization: **INDUSTRIAL BIOCHEMICAL**

Other degrees (if any): **PhD** Areas of specialization: **BIOTECHNOLOGY**

5. Language skills speaking writing understanding

1. **ENGLISH:** **50%** **50%** **50%**

2.

5. Technical/vocational trainings (list only three most relevant trainings you participated which are relevant to the technical assistance programme of the centre)

1. Title of training: **COUNTERMEASURE AGAINST AUTOMOBILE POLLUTION IN URBAN AREA**

Start and end date of training: **SEPTEMBER 16th – NOVEMBER 7th 2013**

Name of the institute providing the training: **JAPANESE INTERNATIONAL COOPERATION AGENCY (JICA). OSAKA, JAPAN**

2. Title of training:

Start and end date of training:

Name of the institute providing the training:

3. Title of training:

Start and end date of training:

Name of the institute providing the training:

6. Project/activities undertaken as a team leader/manager (Provide three most relevant projects only)

1. Name of the Project/activity

JOINT RESEARCH PROJECT ON FORMATION MECHANISM OF OZONE, VOCs, AND PM2.5 AND PROPOSAL OF COUNTERMEASURE SCENARIO PROJECT IN MEXICO.

Your role and responsibilities:

LEADER WORKING GROUP 2: INVESTIGATION OF VOLATILE ORGANIC COMPOUNDS

Nature of task (check relevant boxes): Management ☐ Technical **X**

Your achievements:

DESIGN AND CONDUCT OF THE SURVEY OF HYDROCARBONS AS OZONE PRECURSOR THROUGH THE ANALYSIS SPECIATION AND QUANTITATION OF VOCs IN THE ATMOSPHERE IN THE MEXICO CITY METROPOLITAN AREA.

2. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

3. Name of the Project/activity

Your role and responsibilities:

Nature of task (check relevant boxes): Management ☐ Technical ☐

Your achievements:

7. Project/activities undertaken as a team member/researcher (provide three most relevant projects only)

1. Name of the Project/activity

DIAGNÓSTICO SOBRE COMPUESTOS TÓXICOS EN AIRE AMBIENTE Y CARACTERIZACIÓN ESPACIAL DE FUENTES DE EMISIÓN Y METEOROLOGÍA EN LA REGIÓN FRONTERIZA DE BAJA CALIFORNIA

Your role and responsibilities:

RESPONSIBLE OF THE STUDY DESIGN FOR DETERMINING VOLATILE ORGANIC COMPOUNDS, INCLUDING SAMPLING, AND ANALYSIS FOR THE CHARACTERIZATION OF CHEMICAL COMPONENTS OF OZONE PRECURSOR IN THE AMBIENT AIR IN THE BORDER REGION OF TIJUANA, BAJA CALIFORNIA, MEXICO

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

THE VOCS DATABASE OBTAINED DURING THE MEASUREMENT AND SAMPLING CAMPAIGN ARE BEING USED FOR THE EVALUATION OF AIR QUALITY MODELS THAT WILL BE IMPLEMENTED IN THE BORDER REGION OF CALIFORNIA, MEXICO

2. Name of the Project/activity

ESTUDIO PRELIMINAR DE COMPUESTOS TÓXICOS EN AIRE AMBIENTE EN LA ZONA METROPOLITANA DE GUADALAJARA

Your role and responsibilities:

RESPONSIBLE OF THE STUDY DESIGN FOR DETERMINING VOLATILE ORGANIC COMPOUNDS, INCLUDING SAMPLING, AND ANALYSIS FOR THE CHARACTERIZATION OF CHEMICAL COMPONENTS OF OZONE PRECURSOR IN THE AMBIENT AIR IN THE GUADALAJARA METROPOLITAN AREA, MEXICO

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

IT WAS OBTAINED A DIAGNOSIS OF ENVIRONMENTAL LEVELS OF VOLATILE ORGANIC COMPOUNDS IN THREE SITES IN THE METROPOLITAN AREA OF GUADALAJARA CONTRIBUTING TO BETTER UNDERSTANDING ON AIR POLLUTION IN THE ZMG.

3. Name of the Project/activity

DIAGNÓSTICO DE COMPUESTOS ORGÁNICOS VOLÁTILES Y H₂S EN AIRE AMBIENTE EN LA ZONA DE TULA-VITO-APAXCO

Your role and responsibilities:

RESPONSIBLE OF DETERMINING VOLATILE ORGANIC COMPOUNDS, INCLUDING SAMPLING, AND ANALYSIS FOR THE CHARACTERIZATION OF VOLATILE ORGANIC COMPOUNDS IN THE AMBIENT AIR IN TULA-VITO-APAXCO REGION, MEXICO

Nature of task (check relevant boxes): Management ☐ Technical ☒

Your achievements:

INFORMATION ON THE PRESENCE OF OZONE PRECURSOR COMPOUNDS IN A CRITICAL REGION OF THE COUNTRY WAS OBTAINED. THIS INFORMATION SERVED TO DETECT THE LEVELS OF TOXIC COMPOUNDS AND THUS DETERMINING POTENTIAL HEALTH IMPACTS AND IDENTIFY REDUCTION MEASURES IN THE ENVIRONMENT.

8. Please list three most recent trainings and or capacity building related activities of your involvement with direct relevance to the function of a regional centre under the Convention

1. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

2. Name of the training/capacity building activity

Recipient/s (institution) of the activity

Year

Main activities undertaken

3. Name of the training/capacity building activity

Recipient of the activity

Year

Main activities undertaken

9. Any relevant publications in international peer reviewed journal (list only recent and relevant five publications):

1. Wörschimmel H, Magaña M, Stahel W, Blanco S, Acuña S, Perez J, Gonzalez S, Gutierrez V, Wakamatsu S, Cardenas B. (2010). Measurement and receptor modelling of Volatile Organic Compounds in Southeastern Mexico City, 2000-2007. ISSN: 1680-7316. Atmospheric Chemistry and Physics: 9027-9037.

2.

3.

4.

5.