

CURRICULUM VITAE

CLARA LUCIA SIERRA DIAZ

I'm a biologist, who has been working at conservation since I graduated at the National University of Colombia in 1994. I had been work with species and ecosystem conservation, in either case from the scientific research until sustainable use projects, through habitat protection.

I did work in the implementation of several planning methodologist tools to reach the conservation proposals goals; also I'm coauthor for the declaratory of a recent declare Sanctuary at the Caribe region, Mono Hernandez. My experience includes the implement training programs with different social communities and institutions, and become with participatory action plans for the conservation.

Since 11 year ago I'm working in the Mangrove Conservation Project at Cispata Bay, San Antero, Córdoba, Colombia. This project has been obtain successful results that show institutional articulation, local communities engage and recovery of the crocodiles population as a pilot model for crocodile conservation at world.

EDUCATION

1986. Graduated Senior High School at Cheshire High School, Connecticut – **U.S.A.**

- Good written and verbal communication skills in English.

1994. Biologist. National University of Colombia. **Bogotá**, Colombia.

- Laurel Mention Graduated

2003. Environmental Administration of Coastal Area Specialist. Jorge Tadeo Lozano University, **Cartagena**, Colombia.

PERSONAL INFORMATION

City and date of birth : Pereira, R/da , May 14th, 1969.

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EXPERIENCE

January 2004 – November 2013. As Coordinator of Mangrove Project, Cispata Bay. CVS- Environmental Authority at the Region.

June 2005 – August 2005. As Biologist at the project for the declaratory of a protected area at the Cispata Bay. CVS- Environmental Authority at the region. .

October 2004 – June 2005. As Biologist at the La Balsa Sustainable Area (LBSA) and Tinajones Recovery Area (TRC). Sustainable yield participatory mangrove design of the management plan. Cispata Bay.Cordoba, Colombia CONIF/CVS.,

April 15th 2000 until 14th January 2004. As Director of one National Park in Cartagena, Corales del Rosario y San Bernardo National Park I did:

- Implementation of social participation at the conservation as the National Park System policy.
- Proposal and Declaration of the El Corchal - Jorge Ignacio Hernández Sanctuary in Colombia (August 5 de 2003).
- Validation of tools like: LAC (Limit Acceptable Change), VIM (Visitor Impact Management), VERP (Visitor Experience and Resources Protection) and CA (Carrying Capacity) as a strategy methodologic for the ecotourism management at the protected area.
- Develop pilot conservation projects with *Strombus gigas* and *Panulirus argus*
- Raise funds for projects
- Design and implementation of the conservation objective monitoring program.
- Apply the Conservancy's site planning methodologies to the protect area.
- Conduct training sessions for institutional partners on Conservancy's planning methodologies.
- Consolidation of a social coalition as a strategy for the conservation of the protected area.

14th July - 18th September 2003 As Caribe Regional National Park System Director at Santa Marta, Colombia. I did

- Technical support to the human team at the Territorial Atlantic Coast.
- Implementation of action plans for the conservation.
- Coordinate with different social actors and institutions the participation process at the protected areas and their influences zones.

1999 As Wild Life Fauna Advisory National Group Coordinator, Environment Ministry. Cartagena, I did:

- Design of the priority actions for wildlife animal conservation in Colombia.
- Coordinator of ten (10) specialist professionals

1998 As Biologist consultant for the project: Priority activities identification for the conservation of arid and semiarid areas in Colombia. Geoingenieria. Cartagena

1997 As Biologist for the project Characterization and environmental diagnostic of the Bolivar's islands and coastal zone. Navy Army Investigation Center (CIOH). Cartagena.

1995–1996. As Wild Life Director Program. CARDIQUE (Bolívar State Environment Authority). Cartagena I did: the Design implements and directs the monitoring conservation program.

1992- 1994. Crocodiles Conservation Program Adviser at Monterrey Forestal. PIZANO S.A. Zambrano, Bolívar I did: Embryonic Development and aspects of reproductive biology in Crocodiles.

SPECIALS COURSES

Iberoamerican meeting for protected areas managers. Madrid, Spain. Carolina Foundation and AECL. 5 – 20 de Agosto 2003.

Carrying capacity. Colorado State University. Cartagena. Mayo 10 al 14 de 2003.

III International Workshop for the analysis of the artesanal fish capture. – Cartagena – Educational Center. AECL. 16 – 19 de September 2002.

Mangroves International Workshop, OIMT-Minambiente. Cartagena, February 19-22, 2002.

II Multilateral meeting for the National Parks Cooperation, UAESPNN –Spain National Park System. Cartagena, Nov. 5 al 11, 2001.

Conservation Site Planning - VI Conservation Week . TNC, Miami June 17-23 de 2001.

The communication and interpretation as a tool for the ecotourism. PNN Puracé, AECI June 26 a July, 1, 2000.

Course Training in Marine and Coastal Protected Areas. U.S.A. National Park Service. Washington, August 10 al 25, 2000

Wildlife population evaluation. Adviser Wildlife Group. Environment Ministry. 1998

Integrate Management of Coastal Zone. International Course. Ocean International Institute. INVEMAR. Cartagena. 1997

Course training CARIS GIS for Windows *UNIVERSAL SYSTEMS* – CIOH. Cartagena, June 1996

1st Regional Meeting of geomatic applies to the natural resources conservation CI-SIG. Technological University of Pereira. Pereira. May 1995.

Crocodile Population Monitoring System – Miami University. Cartagena June 1993.

Biology and Ecology of neotropical fish populations ICN-Natural History Museum - Colombia National University. Bogotá 1991.

Aquiculture. UNIVERSIDAD NACIONAL. Bogotá. 1990 (Pregrade)

Immunology. UNIVERSIDAD DE LOS ANDES Bogotá. 1990 (Pregrade)

Marine Protect Areas. FUNDACION ARAWANA- INDERENA Cartagena. 1989.

THESIS WORK

1999. Participation as pregrade Thesis **jury.** Embryology studio of *iguana iguana* incubate under artificial conditions By. Edith Guzmán. Biology Department. Sucre University Sincelejo

1996 Structure characteristics of the *Caiman crocodilus fuscus* egg wall and their influence over the embryony mortality By Fernanda Salcedo Zoothecnia Facultady, Salle University Bogotá

PUBLICATIONS

F.L. & Sierra, Clara L. 2002. Rosario and San Bernardo Coral Reef A social participation exercises for the management of a protected area pg 69-78. In Parks with People II. UAESPNN/ Environment Ministry

Sierra, Clara L. 2001. Social Capacity for Corales National Park Management: a strategy of conservation pg 75-85. In Parks with the People. UAESPNN- Environment Ministry.

Sierra, Clara. 1996. *Caiman crocodilus fuscus*. Embryony Characterization incubated under three different temperatures. Memories at the 13th Working Meeting of the Crocodile Specialist Group. Santa Fé, Argentina,

Sierra, Clara. 1995. Embryo nary mortality evaluation in *Caiman crocodilus fuscus* eggs artificial incubated. Manuscript. Cartagena.

REFERENCES

Graham Webb, Chair Crocodile Specialist Group. gwebb@wmi.com.au

Carlos Rodríguez. Tropenbos-Colombia Foundation Director. Phones 3203319, 310-8593971. Bogotá.

Heliodoro Sánchez Páez. Mangrove Colombian National Program Coordinator. Phones: 2585798, 300-2080382. Bogotá.

Germán Galviz. Biology Department Associate Professor, Sciences Faculty, Colombia National University. Phone: 2210805. Bogotá.

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