

## **CURRICULUM VITAE**

**Dr. Maria R. PERIER**

### **Personal Data**

Full name: Maria Raquel PERIER

Nationality: Argentine

Place and date of birth: Gualeguay (Entre Rios), 04 - 03 - 1952.

ID Nº: 10,303,158

Passport No. 10303158

Work address: Institute of Marine Biology and Fisheries "Alte. Storni" (IBMPAS), San Antonio Oeste, Río Negro, Argentina.

### **Degrees awarded**

- Degree in Ecology and Renewable Natural Resources. Universidad Nacional de La Plata, Argentina. Year of Graduation: 1981.

- PhD in Natural Sciences (Ecology guidance). Universidad Nacional de La Plata. Year of Graduation: 1994. 10 Outstanding with a recommendation to publish the entire contents of the thesis.

### **Doctoral Thesis**

1994. The fish fauna of the coast of San Antonio Bay, Golfo San Matias, Río Negro Province, Argentina. Director Dr. Nemesio San Roman, Co-Director Dr. Amalia Miquelarena.

Rating: 10 outstanding with a recommendation to publish the entire contents of the thesis.

Universidad Nacional de La Plata, Faculty of Natural Sciences. 154 pp.

### **Current Position**

- Acting Assistant Professor part-time (PAD-2) Universidad Nacional del Comahue (UNCo).

- Category 3 Incentive Program. Discipline: Earth Sciences, the Sea and Atmosphere. Ministry of Culture and Education of the Nation. Secretariat of University Policies

- Professional category 16. Ministry of Production. Río Negro Province.

2007 - Current. Responsible of study Condren, Res 1043-1007 Ministry of Production, Río Negro; Res 034/07 CURZA, UNCo.

### **Background on Research**

2009-2011. Project Director "Cockfish, sharks and rays of the Golfo San Matias: Towards a sustainable exploitation. Universidad Nacional del Comahue (UNCo)." SI 04/M020.

2009. Federal Fisheries Council Grant. "The San Matías Gulf Chondrichthyes: new proposals for a sustainable exploitation" PIC Act N ° 15/09. Member.

2008. Research on "Identification of areas for egg-Laying Chondrichthyes fishes in a coastal

zone of San Matías Gulf, Northern Patagonia, Argentina." Rufford Small Grant. 42.10.07 RSG.

2005-2008. Project manager San Matías Gulf Chondrichthyes: biology, ecology and fishing. Universidad Nacional del Comahue. SI 04/M017. Ord. 0991/05

2004-2007. Researcher in "Estimation of life history parameters of *Callorhinchus callorhynchus* and *Atlantoraja platana* of San Matías Gulf as a base to promote the sustainability of a fishery." CONICET-PIP Project 02 682, Resolution No. 1.259/03.

2006. Survey of commercial species in the area of influence of the mouth of Río Negro river (40 ° 58'-41 ° 11 'S, 62 ° 54'-62 ° 37' W). Approved by the Fisheries Division of the Province of Río Negro.

2001-2004. Project director: "Survey and updating of biological parameters of fish species of commercial interest in the San Matías Gulf". Research Secretariat (Res. No. 0574/01-.N ° 04/M014).

1995-2000. Researcher in the study of feeding ecology and reproductive biology of the species of chondrichthyans with current or potential commercial interest: spiny dogfish, *Squalus acanthias*, angelshark, *Squatina guggenheim*, smoothhound, *Mustelus schmitti*; eagle ray *Myliobatis goodei*; tope shark, *Galeorhinus vitaminicus*; rays (*Atlantoraja platana*, *Atlantoraja cyclophora*, *Atlantoraja castelnaui*, *Dipturus chilensis*, *Psammobatis bergii*, *Psammobatis lentiginosa*, *Discopige tschudii*, *Sympterygia bonapartii* and *Batiraja* sp) and seven-gilled shark, *Notorhynchus pectorosus*.

### **Teaching Background**

2007-Present. Teacher in charge of the Subject "Final Work Seminar". Technical degree on Fishing Production and Mariculture, Universidad Nacional del Comahue, San Antonio Oeste head office, Río Negro.

2001-Present. Teacher in charge of the Subject "Knowledge and learning in the technical activities" for the first year, 1st semester of Technical Career on Fishing Production and Mariculture of the Universidad Nacional del Comahue, San Antonio Oeste head office, Río Negro.

2003-2007. Teaching the course "Biology of Marine Organisms" for the 1st year, 2nd semester of Technical Career on Fishing Production and Mariculture of the Universidad Nacional del Comahue. Dictation Module.

2004-2007. Teaching of the Subject "Fishery Resources" for the 3rd year, 1st semester of Technical Career on Fishing Production and Mariculture of the Universidad Nacional del Comahue.

2002. February-March. Associate Professor of the Subject "Biological Oceanography." Optional subject of degree of Bachelor of Biological Sciences, National University of Cordoba. HCD Resolution No. 31/2002.

1999-2001. Teacher in charge of the issuance of the Subject: "Introduction to Scientific Knowledge" optional seminar of the Technical Career on Fishing Production and Mariculture of the Universidad Nacional del Comahue.

### **Member of Evaluation Committee and Jury of Teachers Contests**

April 2004 to April 2006. Member of the Evaluation Commission of final works of the Technical Career on Fishing Production and Mariculture. CD-IBMP Res No. 004/04

September 2005. Contest Jury for Acting teachers in the subject Cropping Systems. CD-IBMP Res. No. 014/05.

April 2005. Contest Jury for Acting teachers in the subject Introduction to Physical Chemistry. CD-IBMP Res. No. 004/05.

### **Publications**

#### **Book chapters, scientific papers, technical documents, outreach work**

Di Giacomo, E. E., Perier, M. R. and N. M. Coller. 2009. Reproduction of spinydogfish, *Squalus acanthias* in San Matías Gulf, Patagonia (Argentina). Pages 209-215. In: V.F. Gallucci, G. A. McFarlane, and G.G. Bargmann, editors. Biology and management of dogfish sharks. American Fishery Society, Bethesda, Maryland, USA.

Di Giacomo, E. E., Elias, I. Alegre, B., Gostonyi, A., Perier, M. R. and Re, M. E. 2008. Patagonian marine fish. In: Coastal Zone of Patagonia Argentina. Integrated resource management. Dadon, J. and Zaixso, H (Eds.). National University of Patagonia San Juan Bosco (In press).

Di Giacomo, E. E. and Maria R. Perier. 2008. Patagonian species for small-scale fisheries. International Infopesca 15: 30-34.

Elias, I., E. E. Di Giacomo, M. Isla, J. Lobo Orensanz, A. Parma, R. Pereiro, M. R. Perier and M. E. Ré. 2008. Artisanal fisheries in Patagonia. In: Coastal Zone of Patagonia Argentina.

Integrated resource management. Dadon, J. and Zaixso, H (Eds.). National University of Patagonia San Juan Bosco (In press).

Elias I. Carozza, C., Di Giacomo, E. E. Isla, M. S. , Orensanz, J. M. (Lobo), Parma, A. M., Pereiro, R. C. , Perier, M. R., Perrotta, G. R. , Re, M. E. and RC. Ruarte. 2008. Coastal Fisheries of Argentina. In: Coastal Fisheries of Latin America and the Caribbean, edited by Silvia Salas, Ratana Chuenpagdee, Juan Carlos Seijo, and Anthony Charles, Published by FAO (in press).

Di Giacomo, E. E., Perier, M. R. and N. M. Coller. 2008. Reproduction of spinydogfish, *Squalus acanthias* in San Matías Gulf, Patagonia (Argentina). In: Biology, Management and Fisheries of Spiny Dogfish, *Squalus acanthias*. American Fisheries Society. Special Issue (in press).

Perier, M. R., Coller, N. M., Di Giacomo, E. E. & Estalles M. 2007. "Population status of the species of Chondrichthyes of San Matías Gulf." *Technical Paper Series IBMP-CONDROS* No. 01/07. 40pp.

Perier, M. R., Di Giacomo, E. E., Coller, N. M. & Estalles M. 2007. Survey of Chondrichthyes species of San Matias Gulf: Results of the demersal resources survey (REDE 2006). Internal Technical Report No. 2/07.7pp IBMP

Estalles, Marilu, Di Giacomo, Edgardo; Coller, Nidia & Perier, Maria. 2007. Sharks, rays and chimeras in the San Matías Gulf, Patagonia. International INFOPESCA No. 32. P. 35-39

Di Giacomo, E. E., Perier, M. R., Pascual, M. S. and E. A. Zampatti. 2005. The sea and its resources: San Matías Gulf. In: The Patagonian plateau falling into the sea: the coast of Río Negro. 1st Edition. Massera, F., Lew, J and Serra Peirano, G (Eds.). Viedma, Government of Río Negro, 409-439.

Perier, M. R. and E. E. Di Giacomo. 2002. The savorín, *Seriola porosa*, as a seasonal resort San Matías Gulf, Argentina. *Journal of Fisheries Research and Development*. No. 15.

Perier, M. R. and E. E. Di Giacomo. 2002. Distribution, abundance and reproduction of *Paralichthys isosceles*, and *Xystreurys rasile* (Pleuronectiformes: Bothidae) off Patagonia, Argentina. IBMP. Publications Series 1:32-39.

Di Giacomo, E. E. and M. R. Perier. 1996. Feeding habits and prey selection of cock fish, *Callorhynchus callorhynchus*, in Patagonian waters, Argentina. *Marine and Freshwater Research*, 47: 801-8.

Di Giacomo, E. E. and M. R. Perier. 1994. Reproductive Biology of cockfish, *Callorhynchus callorhynchus* (Holocephali: Callorhynchidae), in Patagonian waters (Argentina). Fishery Bulletin 92: 531-539.

Di Giacomo, E. E., Calvo, J., Perier, M. R. and E. R. Morriconi. 1993. Spawning aggregations of *Merluccius hubbsi*, in Patagonian waters: evidence for a single stock?. Fisheries Research, 16: 9-16.

**Workshops, Lectures, conference papers, symposia and seminars.**

2007-2008. Workshops on development of National Action Plan for the Conservation and Management of Chondrichthyes (sharks, rays and chimaeras) in Argentina. Participating on behalf of the National University of Comahue - Storni Institute workshop discussion and elaboration of the Action Plan, Pan-Sharks, approved by the Federal Fisheries Council (CFP Resolution No. 6 / 2009)

Di Giacomo, E. E., M. R. Perier, N. M. Coller. 2007. Since the population focus of the target species to the ecological vision of fisheries resources: the case of a small-scale fishing in Patagonia. Fisheries 2007. Fisheries Research Center, Havana, Cuba. From 5 to 9 March.

Perier, M. R., N. M. Coller and E. E. Di Giacomo. 2007. Chondrichthyes Fish trophic relationships in a coastal environment Patagonian, Argentina. Fisheries 2007. Fisheries Research Center, Havana, Cuba. From 5 to 9 March.

Coller, N. M., Perier, M. R. and E. E. Di Giacomo. 2007. Spawning aggregations and depth distribution of the Chondrichthyes of San Matías Gulf, Patagonia. Fisheries 2007. Fisheries Research Center, Havana, Cuba. From 5 to 9 March.

Perier, M. R., Coller, N. M., Di Giacomo, E. E. and M.E. Camarero. 2006. Reproductive cycle and population abundance of *Psammobatis lentiginosa* in San Matías Gulf. VI National Conference of Marine Sciences, Puerto Madryn, and 4 to 8 December. Abstracts, pp. 153.

Di Giacomo, E. E. and M. R. Perier. 2006. Research-fish in the Golfo San Matias: from the population focus of the target species to the ecological vision of fishery resources. Argentina Ichthyology II Symposium: Neotropical Perspective. Museo de La Plata, 23 to 25 October. Summary page. 25

Di Giacomo, E. E. and M. R. Perier. 2005. The Fishing of *Callorhynchus callorhynchus* in the SW Atlantic Ocean. Paper presented at the World Conservation Union (IUCN) as an argument in the discussion on the inclusion of that species on the IUCN Red List of Threatened Species. 9 pp.

Di Giacomo, E. E., Perier, M. R. & N. M. Coller. 2005. Distribution, reproduction, and food of *Squalus acanthias*, in Patagonian waters, SW Atlantic Ocean. First International Symposium on the Management & Biology of Dogfish Sharks. Seattle, Washington USA

### **Grants**

2009-2011. "Cockfish, sharks and rays of the Golfo San Matias: Towards a sustainable exploitation. Universidad Nacional del Comahue (UNCo)." SI 04/M020.

2005 – 2007. San Matías Gulf. Chondrichthyans: biology, ecology and fishing. Universidad Nacional del Comahue Research Secretariat, Project 04/M017.

2001-2003. Survey and updating of fishery-biological parameters of species of commercial interest of the San Matías Gulf. Universidad Nacional del Comahue. SI 04/M014 Project.

1989-1991. The fish fauna of the Bay of San Antonio and its importance in an artisanal fishery for subsistence. Universidad Nacional del Comahue.

### **HR Training**

2007-present. Director responsible for Group of Study of Cartilaginous fish CONDROS, Laboratory of fish resources of the Institute of Marine and Fishery Biology "Almirante Storni".

2007-present. Co-Director of International Postgraduate Scholarship Type I. CONICET. Fellow. Ms. Maria Lourdes Estalles. Subject: Reproductive ecology, age and growth, diet and exploitation of the ray *Sympterygia bonapartii* in San Matías Gulf. Running.

2000-2004. Working Group Management Area under the Fisheries Research Project, National University of Comahue: Survey and updating of biological parameters of fish species of commercial interest in the San Matías Gulf.

### **Internships**

2006-2008 internships and training for advanced students and recent graduates on Biological Sciences of the University of Buenos Aires (UBA, 3) University of Luján (1), sampling techniques, estimation of age, analysis of stomach contents of Chondrichthyes and analysis and interpretation of data.

### **Performances at universities and / or registered institutes in the country.**

March 2001 to March 2004. Member of the Boards of Extension and Research of the Ministries of Research and Extension of the Universidad Nacional del Comahue as representative of the Institute of Marine Biology and Fisheries "Almirante Storni".

March 2001 to March 2004. Academic Activities Coordinator of the Technical Career on Fishing Production and Mariculture of the Universidad Nacional del Comahue, San Antonio Oeste head office.

March 2001 to March 2004. Member of Academic Council of the Universidad Nacional del Comahue, representing the Institute of Marine and Fishery Biology "Almirante Storni".

1992-1994, Representative of the Institute of Marine Biology and Fisheries "Almirante Storni" in the Council of Extension and Research of the respective secretariats. Universidad Nacional del Comahue.

1990-1992. Consultant Advisor to the Directive Board, by the Faculty of Graduate Centro Regional Universitario Zona Atlántica, Universidad Nacional del Comahue.