

Castillo Joanna Miriam
Phd Student

Interests

Studies on aspects of biology and ecology of birds. Mainly those oriented to the conservation of the environments that migratory birds use in Patagonia. Participate in interdisciplinary work networks with challenges in conservation and sustainability.

Education

- ✱ **Current.** Biological Science PhD student. National University of Mar del Plata, Argentina. Thesis Project: Trophic ecology of nearctic shorebirds during their migratory stopover in Caleta Malaspina, San Jorge Gulf, Patagonia Argentina. Expected completion date March 2022.
- ✱ **2016.** Graduate in Biological Sciences. National University of Patagonia San Juan Bosco. Puerto Madryn City, Argentina. Thesis project: Differences between sexes and seasons in the diet of Magellanic Penguins in northern of San Jorge Gulf, Patagonia Argentina.

Fellowships

- ✱ **2017-current.** PhD Fellowship at Argentina's National Council of Scientific and Technical Research.
- ✱ **2017.** Early Research Fellowship. Provincial Secretariat of Science, Technology and Productive Innovation of Chubut Province, Argentina.

Internships

- ✱ **2015.** Ranger assistant at Karukinka Natural Park. Wildlife Conservation Society Tierra del Fuego, Chile.
- ✱ **2015.** Austral Mammals and Seabirds Laboratory and Museum. Harberton Ranch, Argentina.
- ✱ **2013.** Chicks Magellanic Penguins diet composition at San Jorge Gulf. Centre for Marine Systems Studies at Argentina's National Council of Scientific and Technical Research. Puerto Madryn City, Argentina.
- ✱ **2013.** Leukocyte Population Counts in Expanded Blood of Shorebirds. Centre for Marine Systems Studies at Argentina's National Council of Scientific and Technical Research. Puerto Madryn City, Argentina.

Courses and Workshops

- ✱ **2020.** Comprehensive Qgis and spatial data analysis. Centre for Studies on Science, Development and Higher Education Associated with the Argentina's National Council of Scientific and Technical Research.
- ✱ **2020.** Introduction to climate change. Union Nations Climate Change Learning Partnership (UN CC: Learn).
- ✱ **2020.** e-Bird essentials. Bird academy. The Cornell Lab of Ornithology.
- ✱ **2019.** Geomorphology and Dynamics of Estuaries. National University of Sur and Argentine Institute of Oceanography at Argentina's National Council of Scientific and Technical Research. Bahía Blanca City. Argentina.
- ✱ **2019.** Field studies design in Conservation Biology, Ecology and related subjects. Miguel Lillo Institute and National University of Tucumán. San Miguel de Tucumán City, Argentina.
- ✱ **2019.** Conservation Biology, bases and tools. National University of Comahue. San Carlos de Bariloche City, Argentina.
- ✱ **2019.** Multivariate Analysis. National University of Cuyo and Argentina's National Council of Scientific and Technical Research. Mendoza City, Argentina.
- ✱ **2018.** Heritage Interpretation. Environmental Education School. Buenos Aires City Argentina.
- ✱ **2018.** Writing of scientific articles. Institute of Scientific Education and National Technological University. Paraná City, Argentina.
- ✱ **2018.** Techniques to implement recreational activities for teaching. Environmental Education School, Buenos Aires City Argentina.
- ✱ **2018.** Protected areas creation and management tools. Environmental Education School, Buenos Aires City, Argentina.
- ✱ **2017.** Shorebirds banding. North America Banding Council. Paracas City, Peru.
- ✱ **2017.** Geographic Information System applied to Ecology. National University of Patagonia San Juan Bosco and Argentina's National Council of Scientific and Technical Research. Puerto Madryn City.
- ✱ **2015.** Ecology of Socio-ecosystems: The New Paradigm in Latin American Contexts. National University of Patagonia San Juan Bosco and Argentina's National Council of Scientific and Technical Research. Puerto Madryn, City, Argentina.
- ✱ **2015.** Molecular Ecology in birds: Implications for Speciation, Systematics and Conservation". Faculty of Natural Sciences and Museum. National University of La Plata. La Plata City, Argentina.

Travel Awards

- ✱ **2019.** VIII Western Hemisphere Shorebird Group Meeting. Panama City, Panama.
- ✱ **2017.** VII Western Hemisphere Shorebird Group Meeting. Paracas City Peru.

Journals publications

- * **Castillo J.**, Yorio P. y Gatto A. (2019). Shared dietary niches between sexes in Magellanic Penguins. *Austral Ecology*. Vol 44, 635-647.
- * Yorio P., González-Zevallos D., Gatto A., Biagioni O., and **Castillo J.** (2017). Relevance of forage fish in the diet of Magellanic penguins breeding in northern Patagonia, Argentina, *Marine Biology Research*, Vol 13, Issue 6:603 – 617.

Communications and posters

- * **Castillo J.**, Colazo A., Tisera C., Bala L. and Elías R. Patterns distribution of intertidal community in Caleta Malaspina, Chubut, Argentina. XVIII Latin American Congress of Marine Sciences. 4-8 Nov. 2019. Mar del Plata City, Argentina.
- * **Castillo J.**, Colazo A., Navoa X., Tisera C., Luna F., Carileo J., Aranda C., Musmeci L., Bala L. and Elías R. Dietary composition of nearctic shorebirds during their migratory stopover in Caleta Malaspina. VIII Western Hemisphere Shorebird Group Meeting. 24-28 Oct. 2019, Panama City, Panama.
- * Hernández M. A., **Castillo J.**, Musmeci L., Colazo A. and Bala L. Nest features of the Two-banded Plover (*Charadrius falklandicus*) in the 42 S parallel. VIII Western Hemisphere Shorebird Group Meeting. 24-28 Oct. 2019. Panama City, Panama.
- * Colazo A., **Castillo J.**, Bala L. and Musmeci L. Diet analysis of *Haematopus leucopodus* at Playa Ezquerra, north of San Jorge Gulf. VIII Western Hemisphere Shorebird Group Meeting. 24-28 Oct. 2019. Panama City, Panamá.
- * **Castillo J.**, Tisera C., Colazo A., Luna F., Navoa X., Aranda C., Carileo J., Musmeci L. and Bala L. Diet of two shorebirds species during their stopover at Caleta Malaspina. IX Fellow`s Meeting. 4-6 Sep. 2019. Puerto Madryn City, Argentina.
- * **Castillo J.**, Musmeci L. and Bala L. Preliminary data of diet of *Calidris fuscicollis* y *Charadrius falklandicus* at Médanos beach, San Jorge Gulf. VII Western Hemisphere Shorebird Group Meeting. Nov. 9-14, 2017. Paracas City, Perú.
- * **Castillo J.**, Musmeci L. and Bala L. Variation in the diet of the Red Knot during northward migration at Playa Colombo, Península Valdés. Ornithological Congress of the Americas. Aug. 8-11, 2017. Puerto Iguazú City, Argentina.
- * Gatto A., **Castillo J.**, Ibarra C., Navoa X. and Krapovickas S. Characterization of coastal waterbird assemblages of Northern San Jorge Gulf, Patagonia. Ornithological Congress of the Americas. Aug. 8-11, 2017. Puerto Iguazú City, Argentina.
- * **Castillo J.**, González-Zevallos D., Navoa X., Colazo A., Gatto A. and Yorio P. Evaluate the sexual differences in diet of Magellanic Penguins at San Jorge Gulf. XVI Argentine Ornithology Meeting. Sept. 9-12, 2015. La Plata City, Argentina.
- * Biagioni O., Ibarra C., **Castillo J.**, González Zevallos D. and Yorio P. Diet composition of chicks of Magellanic Penguins (*Spheniscus magellanicus*) at San Jorge Gulf. XV Argentine Ornithology Meeting. Sept. 18-21, 2013. Santa Rosa City Argentina.

Research projects collaborations

- ✱ **2018-current.** Breeding ecology of the Two Banded Plover in Peninsula Valdés Natural Reserve. Shorebirds in Patagonian Wetlands Laboratory at National University of Patagonia San Juan Bosco. Puerto Madryn City, Argentina.
- ✱ **2018-2020.** Collaborator member of project Mobile and wearable technologies for intensive data collection in context-sensitive applications. Faculty of Engineering at National University of Patagonia San Juan Bosco. Trelew City, Argentina.
- ✱ **2014-2018.** Land birds monitoring. San Pablo de Valdés Wildlife Reserve and Argentina's National Council of Scientific and Technical Research. Peninsula Valdés Natural Reserve, Argentina.
- ✱ **2015-2016.** Reproductive biology of the House Wren and Grass Wren in the Uspallata Valley. Institute of Arid Zones Research at Argentina's National Council of Scientific and Technical Research. Uspallata City, Argentina.
- ✱ **2013-2015.** Patagonian waterbirds assemblages in marine wetlands: evaluating their structure and interactions through different spatio-temporal scales. Centre for Marine Systems Studies at Argentina's National Council of Scientific and Technical Research. Patagonia Austral Coastal Marine Park, Argentina.
- ✱ **2011.** Ecology and conservation of seabirds in northern Patagonia and Trophic ecology of Kelp Gull. Centre for Marine Systems Studies at Argentina's National Council of Scientific and Technical Research. Punta Leon Natural Reserve, Argentina.

Teaching experience

- ✱ **2017 – 2019.** Assistant professor of PhD course: Social science to management of biodiversity tool". Faculty of Natural Sciences and Health Sciences, National University of Patagonia San Juan Bosco, Puerto Madryn City. Argentina.
- ✱ **2013.** General Physiology Chair assistant, *Ad-honorem* position. Faculty of Natural Sciences and Health Sciences, National University of Patagonia San Juan Bosco, Puerto Madryn City. Argentina.
- ✱ **2008-2011.** General Botany Chair assistant, *Ad-honorem* position. Faculty of Natural Sciences and Health Sciences, National University of Patagonia San Juan Bosco, Puerto Madryn City. Argentina.
- ✱ **2009-2010.** General Zoology. Chair assistant, *Ad-honorem* position. Faculty of Natural Sciences and Health Sciences, National University of Patagonia San Juan Bosco, Puerto Madryn City. Argentina.

Current Memberships

- ✱ **2019-** International Wader Study Group.
- ✱ **2018-** American Ornithological Society.
- ✱ **2018-** Association of Field Ornithologists.
- ✱ **2017-** Neotropical Ornithology Society.
- ✱ **2013-** Aves Argentinas.