



Laura María Solari

PHD. BIOLOGY

Specialized in biodiversity conservation in urban and rural environments, monitoring of natural resources and environmental education.

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Beccar, Pcia. de Buenos Aires

VISION

Offer science-based solutions to accompany transition processes towards a sustainable environment.

Contribute to the 2030 SDG.

EDUCATION

- PhD. Biology, University of Buenos Aires, 2019.
- Degree in Biology, ecology oriented. University of Buenos Aires, 2006.

SOFTWARE

- Remote sensing and GIS (QGIS, ArcGIS, ERDAS, Fragstat, GEE).
- Data analysis (R, RStudio).

MORE

- Driver's license
- Availability to travel.
- Intermediate English

PROFESSIONAL EXPERIENCE

National Institute of Agriculture Technology - Ecology and Environmental Management of Biodiversity Area Coordinator

I have been working at INTA since 2006. I have coordinated the area since September 2015 - present

- Biodiversity studies and mapping of natural resources in agroecosystems.
- Design of multifunctional landscapes.
- Development of biodiversity indicators.
- Environmental education in biodiversity conservation

CampoGis www.campogis.com

Consulting services 2020 - present

- Monitoring, data analysis and strategic spatial planning for conservation of biodiversity and natural resources in productive environments.
- Currently working with agricultural-livestock producers in natural resources mapping and bird monitoring.

internship - Von Humboldt University, Berlin, Germany

September 2013 - December 2013

- Development of LULC map for the Pampas and Espinal Argentinian region with LandsatTM images.



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PUBLICATIONS

- Silveti, et al 2022. "Land use changes and bird diversity in subtropical forests: urban development as the underlying factor. Biodiversity and Conservation". Biodiversity and Conservation.
- Suarez, R. et al. 2020. "Combined effects of agrochemical contamination and forest loss on anuran diversity in agroecosystems of east-central Argentina". Science of the Total Environment.
- Solari, L.M. 2019. Graduate Thesis: "Efecto de la expansión e intensificación agrícola y ganadera en las aves de las regiones pampeana y espinal" . School of Exact and Natural Sciences (UBA).
- González, D. A. et al. 2015. "Conservación en agroecosistemas: Importancia de remanentes de vegetación de escala espacial fina para aves insectívoras de la región Pampeana y Espinal". II Jornadas Nacionales de Ambiente.
- Zaccagnini, M.E., et al. 2014. El agroecosistema como hábitat de la biodiversidad. In "Manual de buenas prácticas para la conservación del suelo, la biodiversidad y sus servicios ecosistémicos". PNUD – SAyDS – INTA.
- Zaccagnini et al. 2013. Rural Environmental Monitoring Kit (9 long form videos, 7 short videos, user manual).
- Gavier-Pizarro, et al. 2012. "Expansion and intensification of row crop agriculture in the Pampas and Espinal of Argentina can reduce ecosystem service provision by changing avian density". Agriculture, Ecosystems and Environment.
- Solari, L. y M. E. Zaccagnini. 2009. "Efecto de bordes arbóreos y terrazas sobre las aves en lotes de soja, Entre Ríos, Argentina". BioScriba.

TEACHING

- "Biodiversity conservation on an urban-rural gradient". Expo CUCH, Chivilcoy University Center, 10/21/22.
- "Contributions of birds in production systems" Science Week Stand, Jardín Botánico Arturo Ragonese, 19th and 20th of October of 2022.
- Biodiversity workshop with agricultural producers. CREA-InBioAgro. Pergamino, 8/23/22.
- "Environmental monitoring in agroecosystems" Online course (EnFoco-Inet). July and September 2021.
- "Tools for environmental monitoring in agroecosystems". Virtual seminar (AACREA). 5/4/2021.
- "Training for directors and teachers of initial and primary level education in environmental education". 2018-2022.
- Bird survey workshop for licenciante in environmental science students, FAUBA. 2012-2022.
- "Multiscale effect of agricultural expansion and intensification on bird communities in Pampas and Espinal Regions based on the reproductive history of species". Von Humboldt University, Berlin, Alemania. 18th of November of 2013.
- "Bird Monitoring". Workshop for 8 agrotechnical schools. 2013-2017.

RECEIVED TRAINING

- "Ecological niche modeling with Maxent and R integrated with GIS" In progress.
- "Introduction to Bioeconomy". Bolsa de Cereales. 2021.
- "Ecosystem Services: a Method for Sustainable Development" Coursera. 2021.
- "Introduction to Google Earth Engine". INTA, 2020.
- "Insect ecology". FCEyN (UBA). 2018.
- "Analysis of satellite images Google Earth Engine" UNT. 2018.
- "R for ecologists". FCEyN (UBA). 2017.
- "Google Earth Engine Course" INTA. 2017.
- "Quantification of land cover types - GIS". FAUBA, 2012.
- "Natural Resources Monitoring" FADU, 2011.