

VERONICA ANDREO

I am a biologist and I hold a PhD in Biological Sciences and an MSc in Remote Sensing and GIS applications. I work as a **researcher** for **CONICET** and **lecturer** at **Gulich Institute** of the Argentinian Space Agency (**CONAE**) in Córdoba, Argentina. My research is focused on uncovering environmental drivers of vector-borne disease outbreaks through statistical and machine learning methods. I am mostly interested in environmental features/changes that can be derived from **satellite image analysis, remote sensing time series and GIS-based techniques**.

I am part of the **GRASS GIS** Development team and currently serve as **PSC chair**. I am a strong advocate for **OSGeo** and free and open source software for geo-spatial (FOSS4G).



RESEARCH EXPERIENCE

Current
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2023

Associate Researcher (CIC-CONICET)

Gulich Institute, CONAE-UNC.

📍 Córdoba, AR

- Develop workflows to obtain and process satellite data for public health applications. Explore different types of data analysis, modeling and visualization to gain new perspectives.
- Write scientific publications and grant proposals. Present at national and international conferences. Review papers and thesis. Supervise MSc and PhD students.
- Network and collaborate with colleagues in different areas and from different countries.

2024

Visiting Scholar

Center for Geospatial Analytics, NC State University (NCSU).

📍 Raleigh, USA

- Temporary position (6 months). NSF POSE II grant to enhance GRASS Ecosystem.

2023
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2018

Assistant Researcher (CIC-CONICET)

Gulich Institute, CONAE-UNC.

📍 Córdoba, AR

- Develop workflows to obtain and process satellite data for public health applications. Explore different types of data analysis, modeling and visualization to gain new perspectives.
- Write scientific publications and contribute to grant writing. Present at national and international conferences. Review papers and thesis. Supervise students.
- Network and collaborate with colleagues in different areas and from different countries.

2018
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2016

Postdoctoral Researcher

Earth Observation Sciences (EOS). ITC. University of Twente.

📍 Enschede, NL

- Conducted research on methods to reconstruct missing data in remote sensing time series and obtain relevant variables to be used in mosquito-borne disease outbreak prediction.
- Wrote scientific publications and reports. Presented at international conferences.
- Assisted with teaching and supervised MSc students.
- Developed skills to work in international and multi-cultural environment.

CONTACT

 veroandreo.gitlab.io
 veroandreo@gmail.com
 github.com/veroandreo
 gitlab.com/veroandreo

SKILLS

GRASS GIS

R

Bash

Python

LaTeX

Markdown

QGIS

GEE

git

HTML - CSS

LANGUAGES

Spanish (Native Speaker)
English (C2)
Italian (B1)

- 2015 • **GIS technician**
Fondazione Edmund Mach (FEM). 📍 San Michele all'Adige, IT
- Conducted statistical analysis and modeling of tick-borne and mosquito-borne diseases for different European countries.
 - Delivered written report and contributed to scientific publication.
- 2012 | 2006 • **Graduate research assistant**
National University of Río Cuarto. 📍 Río Cuarto, AR
- Carried out field and laboratory work such as rodent trapping and processing, vegetation censuses.
 - Data Analysis: Statistics, Species Distribution Models - SDM, Remote Sensing processing and analysis, Supervised and un-supervised classification, GIS.
 - Wrote scientific publications and reports. Presented at national and international conferences.
- 2006 | 2004 • **Under-graduate research assistant**
National University of Río Cuarto. 📍 Río Cuarto, AR
- Field and laboratory work: rodent trapping and processing, vegetation censuses.
 - Performed data compilation and statistical analysis.
 - Processed and analyzed NOAA-AVHRR, Landsat TM and ETM scenes.

EDUCATION

- 2015 | 2012 • **MSc Spatial Applications for Early Warning and Response to Emergencies**
National University of Córdoba. 📍 Córdoba, AR
- 2012 | 2007 • **PhD Biology**
National University of Río Cuarto. 📍 Río Cuarto, AR
- 2005 | 2000 • **Lic. Biology**
National University of Río Cuarto. 📍 Río Cuarto, AR

Note: *Licenciatura* (Lic) is a 5-year course of studies oriented to research.

STAYS ABROAD

- 2023 • **Short stay - Visiting Scholar**
Center for Geospatial Analytics, North Carolina State University (NCSU). 📍 Raleigh, USA
- Talk and workshop for the Geospatial Forum.
 - Networking meetings with researchers to explore collaboration opportunities.
 - Discuss funding opportunities.

- 2022 ● **Research stay - EOXP0SURE. H2020 Marie Curie RISE project**
 Royal Military Academy (RMA). 📍 Brussels, BE
- Validation and testing of mosquito egg counting algorithm with ovitrap sticks pictures.
 - Developed and translated quick and detailed user guides.
 - Advisors: **Dr. Michal Shimoni** and **Dr. Rob Haelterman**.
- 2019 ● **Research stay - EOXP0SURE. H2020 Marie Curie RISE project**
 Royal Military Academy (RMA) and Université Libre de Bruxelles (ULB). 📍 Brussels, BE
- Applied Object Based Image Analysis and Machine Learning for Very High Resolution Image Classification in urban areas.
 - Participated of a one-week hackathon on Deep Learning. We presented those results at FOSS4G Belgium.
 - Advisors: **Dr. Michal Shimoni** and **Dr. Moritz Lennert**.
- 2018 ● **Research stay - GEOSAFE. H2020 Marie Curie RISE project**
 Royal Melbourne Institute of Technology (RMIT). 📍 Melbourne, AU
- Conducted a review of remote sensing for fire detection and mapping.
 - Designed a workflow to validate active fire products.
 - Advisors: **Dr. Marc Demange** and **Dr. Karin Reinke**.
- 2013 ● **Research stay - ASI Scholar**
 Fondazione Edmund Mach (FEM). 📍 San Michele all'Adige, IT
- Received training on GRASS GIS.
 - Advisor: **Dr. Markus Neteler**.
- 2009 ● **Research stay - Fulbright scholar**
 Johns Hopkins Bloomberg School of Public Health. 📍 Baltimore, MD - USA
- Received training on Spatial Epidemiology, GIS and remote sensing methods to model hantavirus host distribution at different spatial scales.
 - Advisor: **Dr. Gregory Glass**.
- 2007 ● **Research stay**
 Center for Advanced Studies in Ecology and Biodiversity CASEB, Pontificia Universidad Católica de Chile. 📍 Santiago, CL
- Conducted research on population dynamics modeling.
 - Advisor: **Dr. Mauricio Lima**.



CONSULTANCIES AND TECHNICAL REPORTS

- 2024 ● **Distribution of *Orthohantavirus* rodent hosts in the southern cone**
 Ministry of Environment and Sustainable Development. 📍 Buenos Aires, AR
- Developed workflows and modeled current climatic suitability for *Orthohantavirus* rodent hosts.

2022	Dengue and Climate Change Ministry of Environment and Sustainable Development. 📍 Buenos Aires, AR • Developed workflows for modeling current and future climatic suitability for <i>Aedes aegypti</i>. • Assisted with modeling of Dengue fever distribution and potential spread in the future.
2022	Distribution of phlebotomine sandflies in Córdoba Health Ministry of Córdoba. 📍 Córdoba, AR • Analyzed the distribution and types habitats where canine visceral leishmaniasis and phlebotomine species were found in the city of Córdoba.
2020 2019	<i>Aedes aegypti</i> and Dengue in Córdoba city Gulich Institute, CONAE-UNC. 📍 Córdoba, AR • Coordinated the writing of a technical report summarizing our group contributions. • Developed open source based workflows to obtain mosquito distribution maps and dengue incidence.
2020	Sentinel 2 processing chain Consultant for SIRIS project. 📍 Córdoba, AR • Provided technical support about GRASS GIS modules to develop a workflow to process and analyze Sentinel 2 data for agriculture.
2016	Remote sensing products of relevance for Chagas disease Consultant for TDR project. 📍 Córdoba, AR • Developed automatic routines to download and process MODIS and TRMM satellite products. • Derived environmental layers to be used as predictors of disease risk.
2015	Remote sensing derived products for flood mapping Consultant for UDEGE project. 📍 Córdoba, AR • Implemented algorithms to identify flooded areas in central Argentina using open source tools. • Implemented an algorithm of flood risk according to flood maps and rainfall forecasts using open source tools.
2014	Time series analysis of ocean color satellite products Consultant for CONAE. 📍 Córdoba, AR • Performed analysis of missing data, gap-filling, modeling and reconstruction of time series of MODIS Aqua chlorophyll product. • Performed analysis of climatologies and anomalies. • Delivered written reports.

2014

● Meteorological fire danger index

Consultant for the National University of Córdoba.

📍 Córdoba, AR

- Implemented a meteorological fire danger index algorithm in GRASS GIS using weather forecast data.
- <http://meteo.caearte.conae.gov.ar/wrf/fuego.html>



SCIENTIFIC PUBLICATIONS

● Environment-based strategy for monitoring early colonization of *Lutzomyia longipalpis* at the city scale

Quintana, M. G.; **Andreo, V.**; Cavia, R.; Santini, M. S.; Moya, S. L.; Estrada Méndez, L.; Salomon, O. Submitted to *Journal of Medical Entomology*.

● Tutorials for the GRASS geocomputation engine

Harmon, B.; **Andreo, V.**; Petrasova, A.; Petras, V.; Haedrich, C.; White, C. Submitted to *Journal of Open Source Education*.

● Distribution and richness of Orthohantavirus reservoir hosts: Implications for zoonotic risk in Southern South America

Pinotti, J. D.; **Andreo, V.** Submitted to *Acta Tropica*.

● Distribution of mother-to-child transmitted (MTCT) infections and Socioeconomic vulnerability within the Gran Chaco region

Rodriguez Gonzalez, C.; Ávila, S.; Cardone, K.; Fernández, M.; Crudo, F.; **Andreo, V.**; Periago, M. V. Submitted to *BMC Public Health*.

2025

● AedesTraits: A global dataset of temperature–dependent trait responses in *Aedes* mosquitoes

Da Re, D.; **Andreo, V.**; San Miguel, T.; Blaha, M.; Rosá, R.; Rizzoli, A.; Harrison, J.; Sorek, S.; Johnson, L. R.; Huxley, P. *Scientific Data*. DOI.

2025

● A systematic review of remote sensing data in studying the association of air pollution and Asthma/Allergic Rhinitis

Coiman, A.; Garcia Ferreyra, M. F.; **Andreo, V.** *Revista de Salud Pública*. DOI.

2025

● Orthohantavirus Hosts and Genotypes in Southern South America: An Updated Review

Ortiz, N.; Pinotti, J.; **Andreo, V.**; González-Iltig, R.; Gardenal, C. N. *PLOS NTD*. DOI.

2024

● A systematic review of *Aedes aegypti* population dynamics models based on differential equations

San Miguel, T.; Da Re, D.; **Andreo, V.** *Acta Tropica*. DOI

- 2024 ● **Remote sensing biodiversity monitoring in Latin America: Emerging need for sustained local research and regional collaboration to achieve global goals.**
Garzon-Lopez, C. X.; Miranda, A.; Moya, D.; **Andreo, V.** *Global Ecology and Biogeography*. DOI.
- 2024 ● **Combining phylogeography and ecological niche modeling to infer the evolutionary history of the Cordoba vesper mouse (*Calomys venustus*).**
Pinotti, J. D.; Martin, M. L.; Chiappero, M. B.; **Andreo, V.**; Gonzalez-Ittig, R. E. *Integrative Zoology*. DOI.
- 2023 ● **A geospatial analysis of cardiometabolic diseases and their risk factors considering environmental features in a midsize city in Argentina.**
Campero, M.; Scavuzzo, C. M.; **Andreo, V.**; Mileo, M.; Francois, M.; Oberto, M.; Gonzalez Rodriguez, C.; Defagó, M.D. *Geospatial Health* 18(2). DOI.
- 2023 ● **Using VHR satellite imagery, OBIA and landscape metrics to improve mosquito surveillance in urban areas**
Rodriguez Gonzalez, C.; Guzman, C.; **Andreo, V.** *Ecological Informatics* 77, 102221. DOI.
- 2023 ● **Risk Stratification to Guide Prevention and Control Strategies for Arboviruses Transmitted by *Aedes aegypti***
Espinosa, M.O.; **Andreo, V.**; Paredes, G.; Leapla, C.; Heredia, V.; Periago, M.V.; Abril, M. *Tropical Medicine and Infectious Disease* 8, 362. DOI.
- 2023 ● **Ovitrap Monitor - Online application for counting mosquito eggs and visualisation toolbox in support of health services**
Hamesse, C.; **Andreo, V.**; Rodriguez Gonzalez, C.; Beumier, C.; Rubio, J.; Porcasi, X.; Lopez, L.; Guzman, C.; Haelterman, R.; Shimoni, M.; Scavuzzo, C.M. *Ecological Informatics* 75, 102105. DOI.
- 2023 ● **Colilargo's occupancy and the role of native and exotic plants in hantavirus expansion and transmission risk**
Contreras, F.; **Andreo, V.**; Hechem, V.; Polop, J.; Provencal, M.C. *Mammal Research* 68, 167-176. DOI.
- 2022 ● **Ecological characterization of a Cutaneous Leishmaniasis outbreak through remotely sensed land cover changes**
Andreo, V.; Rosa, J.; Ramos, K.; Salomon, O. D. *Geospatial Health* 17, 1033. DOI.
- 2022 ● **A zero-inflated mixture spatially varying coefficient modeling of cholera incidences**
Osei, F.B.; Stein, A.; **Andreo, V.** *Spatial Statistics* 48, 100635. DOI.

- 2022 ● **The Distribution of Phlebotominae (Diptera, Psychodidae) species and human cases of leishmaniasis in the Province of Corrientes, Argentina**
Villarquide, M. L.; **Andreo, V.**; Salomon, O. D.; Santini, M. S. *Revista de la Sociedad Entomológica Argentina* 81, 55-63. DOI.
- 2021 ● **Spatial Distribution of *Aedes aegypti* Oviposition Temporal Patterns and Their Relationship with Environment and Dengue Incidence**
Andreo, V.; Porcasi, X.; Guzman, C.; Lopez, L.; Scavuzzo, C. M. *Insects* 12, 919. DOI.
• Code hosted at: <https://github.com/veroandreo/mosquito-ts-clust>
- 2021 ● **Implementation of a proactive system to monitor *Aedes aegypti* populations using open access historical and forecasted meteorological data**
Aguirre, E.; **Andreo, V.**; Porcasi, X.; Lopez, L.; Guzman, C.; Gonzalez, P.; Scavuzzo, C. M. *Ecological Informatics* 64, 101351. DOI.
• Code hosted at: https://github.com/CONAE-GVT/aedes_aegypti/tree/master
• App: <http://pluton.hopto.org:8080/app/>
- 2021 ● **Towards a workflow for operational mapping of *Aedes aegypti* at urban scale based on remote sensing**
Andreo, V.; Cuervo, P. F.; Porcasi, X.; Lopez, L.; Guzman, C.; Scavuzzo, C. M. *Remote Sensing Applications: Society and Environment* 23, 100554. DOI.
• Code hosted at: <https://github.com/veroandreo/aedes-urban-maps>
- 2020 ● **Challenging population dynamics models with new data: How accurate were our inferences?**
Andreo, V.; Lima, M.; Polop, J.; Provencal, C. *Mastozoologia Neotropical* 27, 8-16. DOI.
- 2020 ● **Multiple refugia and glacial expansions in the Tucumane-Bolivian Yungas: the phylogeography and potential distribution modelling of *Calomys fecundus* (Rodentia: Cricetidae)**
Pinotti, J. D.; Ferreiro, A. M.; Martin M. L.; Levis, S.; Chiappero, M.; **Andreo, V.**; Gonzalez-Iltig, R. E. *Journal of Zoological Systematics and Evolutionary Research* 58, 23-36. DOI.
- 2020 ● **On parameterizing soil evaporation in a direct remote sensing model of ET: PT-JPL**
Marshall, M.; Tu, K.; **Andreo, V.** *Water Resources Research* 56, e2019WR026290. DOI.
- 2020 ● **A novel method based on time series satellite data analysis to detect algal blooms**
Germán, A.; **Andreo, V.**; Tauro, C.; Scavuzzo, C. M.; Ferral, A. *Ecological Informatics* 59, 101131. DOI.

- 2020 ● **Modelling and mapping the intra-urban spatial distribution of Plasmodium falciparum parasite rate standardized to the age group 2-10 years using Very-High-Resolution Satellite Derived Indicators in Sub-Saharan African Cities**
Georganos, S.; Brousse, O.; Dujardin, S.; Linard, C.; Casey, D.; Milliones, M.; Parmentier, B.; van Lipzig, N.; Demuzere, M.; Grippa, T.; Vanhuysse, S.; Mboga, N.; **Andreo, V.**; Snow, R. W.; Lennert, M. *International Journal of Health Geographics* 19, 38. [DOI](#).
- 2019 ● **Rodents and satellites: Predicting mice abundance and distribution with Sentinel-2 data**
Andreo, V.; Belgiu, M.; Brito Hoyos, D.; Osei, F.; Provencal, C.; Stein, A. *Ecological Informatics* 51, 157-167. [DOI](#).
- 2018 ● **Effect of climate and habitat type on the spatio-temporal variability of tick-borne bacteria in Europe**
Rosà, R.; **Andreo, V.**; Tagliapietra, V.; Barakova, I.; Arnoldi, D.; Hauße, H.; Manica, M.; et al. *International Journal of Environmental Research and Public Health* 15, 732. [DOI](#).
- 2018 ● **Mapping risk: where must we put our efforts to prevent the establishment of invasive species?**
Natale, E.; Reinoso, H.; **Andreo, V.**; Zalba, S. *Ecologia Austral* 28, 81-92. [DOI](#).
- 2017 ● **A New Fully Gap-Free Time Series of Land Surface Temperature from MODIS LST Data**
Metz, M.; **Andreo, V.**; Neteler, M. *Remote Sensing* 9, 1333. [DOI](#).
- 2017 ● **Genetic population structure of the long-tailed pygmy rice rat (Rodentia, Cricetidae) at different geographic scales in the Argentinean Patagonia**
Ortiz, N.; Polop, F.; **Andreo, V.**; Provencal, M.; Polop, J.; Gardenal, C.; Gonzalez-Iltig, R. E. *Journal of Zoology* 301, 215-226. [DOI](#).
- 2016 ● **Remote sensing of phytoplankton blooms in the Continental Shelf and shelf-break of Argentina: spatio-temporal changes and phenology**
Andreo, V.; Dogliotti, A.; Tauro, C. *IEEE JSTARS* 9, 5315-5324. [DOI](#).
- 2015 ● **Temporal fine-scale genetic variation in populations of the long-tailed pygmy rice rat from Patagonia, Argentina: its relationship with high levels of migration**
González-Iltig, R.; Polop, F.; **Andreo, V.**; Chiappero, M.; Provencal, C.; Polop, J.; Gardenal, C. *Journal of Zoology* 296, 216-224. [DOI](#).
- 2015 ● **Potential of remote sensing to predict species invasions - a modeling perspective**
Rocchini, D.; **Andreo, V.**; Förster, M.; Garzon-Lopez, C.X.; Gutierrez, A.P.; Gillespie, T.W.; Hauße, H.C.; et al. *Progress in Physical Geography* 6, 201-222. [DOI](#).

- 2014 ● **Estimating Hantavirus risk in southern Argentina: A GIS-based approach combining human cases and host distribution**
Andreo, V.; Neteler, M.; Rocchini, D.; Provencal, C.; Levis, S.; Porcasi, X.; Rizzoli, A.; Lanfri, M.; Scavuzzo, M.; Pini, N.; Enria, D.; Polop, J. *Viruses* 6, 201222. DOI.
- 2012 ● **Summer–autumn distribution and abundance of the hantavirus host, *Oligoryzomys longicaudatus*, in northwestern Chubut, Argentina**
Andreo, V.; Provencal, C.; Levis, S.; Pini, N.; Enría, D.; Polop, J. *Journal of Mammalogy* 93, 1559-1568. DOI.
- 2012 ● **Environmental variables in spatial dynamics of *Oligoryzomys longicaudatus* (Andes hantavirus reservoir) in North West of Chubut province, Argentina. PhD dissertation abstract**
Andreo, V. *Mastozoología Neotropical* 19, 179-181 (in Spanish).
- 2012 ● **Scientific training and professional field in Biological sciences: an educational proposal at the University**
Rivarosa, A.; Correa, A. L.; **Andreo, V.** *Revista de Educación en Biología* 15, 69-81 (in Spanish).
- 2011 ● **Modeling potential distribution of *Oligoryzomys longicaudatus*, the Andes Virus (Genus: Hantavirus) reservoir, in Argentina**
Andreo, V.; Glass, G.; Shields, T.; Provencal, C.; Polop, J. *EcoHealth* 8, 332-348. DOI.
- 2011 ● **Software Development for the Use of Space Information in Spatial and temporal Simulation of Rodent Population Dynamics**
Musso, V.; Provencal, M. C.; Priotto, J.; **Andreo, V.**; Simone, I.; Piacenza, F.; Polop, F.; et al. *Acta Biologica Venezuélica* 31, 23-26 (in Spanish).
- 2009 ● **Population dynamics of two rodent species in agro-ecosystems of central Argentina: Intra-specific competition, land-use and climate effects**
Andreo, V.; Lima, M.; Provencal, M. C.; Priotto, J. W.; Polop, J. J. *Population Ecology* 51, 297-306. DOI.
- 2009 ● **Environmental factors and population fluctuations of *Akodon azarae* (Rodentia, Muridae) in central Argentina**
Andreo, V.; Provencal, M. C.; Lamfri, M.; Scavuzzo, M.; Polop, J. J. *Austral Ecology* 34, 132-142. DOI.



CONFERENCE PAPERS

- 2025 ● **Assessing the accuracy of global meteorological datasets for climate-sensitive disease vector modelling: insights from Argentina**
San Miguel, T.; Da Re, D.; **Andreo, V.** XXI RPIC. DOI. 📍 San Francisco, AR

- 2025 ● **Predicting asthma mortality in Argentina using remote sensing data and machine learning**
Coiman, A.; Garcia Ferreyra, M. F.; **Andreo, V.** XXI RPIC. DOI.
📍 San Francisco, AR
- 2025 ● **One-way sensitivity analysis of an ODE-based *Aedes aegypti* model driven by meteorological data**
San Miguel, T. V.; Sgró, M. A.; **Andreo, V.** MACI, 10: 606-609. 📍 Córdoba, AR
- 2023 ● **Unveiling Argentina's heatwaves: A comprehensive and open analysis of the last 30 years using the ERA5-Land Reanalysis Product**
Pinotti, J.D.; **Andreo, V.**; Muñoz, S.; Koristschoner, J.; Porcasi, X. XX RPIC. DOI.
📍 Oberá, AR
- 2022 ● **Evaluación del riesgo epidemiológico de leptospirosis en la ciudad de Rosario (Santa Fe, Argentina), durante el período 2013-2015**
Balparda, L.; Pagura, J.; **Andreo, V.** XX Simposio Internacional SELPER.
📍 Monterrey, MX
- 2022 ● **Environmental characterisation of an urban area to assess the distribution of *Aedes aegypti* monitoring**
Rodríguez Gonzalez, C.; Guzman, C.; **Andreo, V.** 2022 IEEE Biennial Congress of Argentina (ARGENCON), 1-6. DOI.
📍 San Juan, AR
- 2021 ● **Calculation of surface urban heat index from LANDSAT-8 TIRS data and its relation with land**
Ferral, A.; Gili, A.; **Andreo, V.**; German, A.; Beltramone, G.; Bonansea, M.; Pana, S.; Scavuzzo, C.M. XIX RPIC. DOI.
📍 San Juan, AR
- 2021 ● **Predicting *Aedes aegypti* eggs count using remote sensing data and a generalized linear model**
Mudele, O.; **Andreo, V.**; Porcasi, M.; Scavuzzo, C.M.; Lopez, L.; Gamba, P. 2021 IEEE International Geoscience and Remote Sensing Symposium IGARSS, 84-87. DOI.
📍 Bruselas, BE
- 2021 ● **Semi-automatic tool to count mosquito eggs in ovitrap sticks images**
Beumier, C.; Rubio, J.; **Andreo, V.**; Guzman, C.; Porcasi, X.; Scavuzzo, C.M.; Shimoni, M. 2021 IEEE International Geoscience and Remote Sensing Symposium IGARSS, 80-83. DOI.
📍 Bruselas, BE
- 2020 ● **Estimating the significance of predictor variables in machine learning epidemiological models using SHAP**
Scavuzzo, J. M.; Scavuzzo, C. M.; Espinosa, M.; **Andreo, V.**; Campero, M. N.; Periago, V.; Abril, M. ARGENCON, 1-6. DOI (In Spanish).
📍 Online conference

- 2019 ● **Time series clustering applied to Eco-epidemiology: the case of *Aedes aegypti* in Córdoba, Argentina**
 Andreo, V.; Porcasi, X.; Rodriguez, C.; Lopez, L.; Guzman, C.; Scavuzzo, C. M. *Proceedings of the 2019 XVIII Workshop on Information Processing and Control (RPIC)*, 93-98. DOI.
 📍 Bahía Blanca, AR
- 2019 ● **Spatial analysis of *Aedes aegypti* activity for public health surveillance**
 Porcasi, X.; Andreo, V.; Aguirre, E.; Rojas, N.; Rubio, J.; Frutos, N.; Guzman, C.; Lopez, L. *Proceedings of the 2019 XVIII Workshop on Information Processing and Control (RPIC)*, 214-217. DOI.
 📍 Bahía Blanca, AR
- 2018 ● **Identifying favorable spatio-temporal conditions for West Nile virus outbreaks by co-clustering of MODIS LST indices time series**
 Andreo, V.; Izquierdo-Verdiguier, E.; Zurita-Milla, R.; Rosà, R.; Rizzoli, A.; Papa, A. *Proceedings of the IEEE International Geoscience and Remote Sensing Symposium IGARSS*, 4670-4673. DOI
 📍 Valencia, ES
- 2018 ● **Regional scale environmental variables complementing a Risk Model of Chagas Disease vectorial transmission**
 Porcasi, X.; Andreo, V.; Ferral, A.; Guimarey, P.; Santini, M. S.; Spillmann, C.; Hernandez, R.; Geuna Serra, A.; Aguirre, E. *2018 IEEE Biennial Congress of Argentina (ARGENCON)*, 1-5. DOI.
 📍 Tucumán, AR
- 2018 ● **Fostering pre-university student participation in OSGeo through the Google Code-In competition**
 Rautenbach, V.; Leo, M.D.; Andreo, V.; Delucchi, L.; Kudrnovsky, H.; McKenna, J.; Acosta y Lara, S. *ISPRS - International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences. XLII-4/W8*, 175-180. DOI.
 📍 Dar es Salaam, TZ
- 2017 ● **Can reconstructed land surface temperature from space predict a West Nile virus outbreak?**
 Andreo, V.; Metz, M.; Neteler, M.; Rosà, R.; Marcantonio, M.; Billinis, C.; Rizzoli, A.; Papa, A. *ISPRS - International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences. XLII-4/W2*, 19-26. DOI.
 📍 Paris, FR
- 2016 ● **Analysis of a chlorophyll-a time series derived from MODIS imagery**
 Germán, A.; Tauro, C.; Andreo, V.; Bernasconi, I. and A. Ferral. *Proceedings of the 2016 IEEE Biennial Congress of Argentina (ARGENCON)* 1-6. DOI.
 📍 Buenos Aires, AR

- 2015 ● **Spatio-temporal variations in chlorophylla concentration in the Patagonic Continental shelf: an example of satellite time series processing with GRASS GIS temporal modules**
 Andreo, V.; Dogliotti, A.; Tauro, C.; Neteler, M. *Proceedings of the IEEE International Geoscience and Remote Sensing Symposium IGARSS*, 2249-2252. DOI.  Milan, IT
- 2015 ● **Design and implementation of an operational meteo fire risk forecast based on opensource geospatial technology**
 Bellis, L.; Andreo, V.; Lighezzolo, A.; Argañaraz, J.; Lanfri, S.; Clemoveki, K.; Scavuzzo, C. M. *Proceedings of the IEEE International Geoscience and Remote Sensing Symposium IGARSS*, 2155-2158. DOI.  Milan, IT



RESEARCH PROJECTS

- 2026
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2025 ● **HEATCORDOBA - Heat waves impact on urban population: a South American case in the climate change context**
 ESA-Futureearth grant. Participation as: Researcher.
- 2025
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2023 ● **Land use and land cover changes and their relationship with zoonotic and vector-borne disease outbreaks: a remote sensing and machine learning approach at different spatial scales.**
 PICT-2021-GRF-TI-00372. Grant from FONCyT. Participation as **Principal Investigator**.
- 2025
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2024 ● **Spatio-temporal modelling of agricultural trials conducted with precision technologies**
 Grant from SeCyT UNC. Participation as: Researcher.
- 2024
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2023 ● **Health risk monitoring system for fires in the Paraná River Delta**
 Grant from FOCANLIS. Participation as: Researcher.
- 2024
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2022 ● **Comprehensive study of arbovirosis and leishmaniasis: eco-epidemiological characterization of the vectors involved in the urban-peri-urban-rural interface through genetic, morphological and socio-environmental aspects.**
 11220210100750CO. Grant from CONICET. Participation as: Researcher.
- 2023
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2022 ● **Integrated vector-borne disease surveillance system based on spatial information.**
 Grant from BID N° 4840/OC-AR – PROSAT II. Participation as: Coordinator.
- 2022
|
2019 ● **Development and validation of Visceral Leishmaniasis risk models for their transference into surveillance and intervention measures**
 Grant from the National Fund for Science and Technology (FONCyT). Project Director: Dr. Daniel Salomon.

- 2017
|
2016

● **Risk stratification for health/disease events associated to floods**
Grant from the National Health Ministry (Argentina). Project director: Dr. Daniel Salomon.
- 2017
|
2014

● **Spatial factors and landscape changes in the distribution of rodents**
Grant from the National Fund for Science and Technology (FONCyT). Project director: Dr. Jaime J. Polop.
- 2014
|
2012

● **Associations between the environment and the presence and abundance of rodents in agro-ecosystems**
Grant from the National University of Río Cuarto Agency of Science and Technique. Project director: Dr. Jaime J. Polop.
- 2013
|
2011

● **Dynamics of host-virus system in Argentinean Hemorrhagic Fever and Hantavirus Pulmonary Syndrome**
Grant from the National Fund for Science and Technology. Project Director: Dr. Jaime J. Polop.
- 2011
|
2009

● **Reproductive characterization of field rodent species**
Grant from the National University of Río Cuarto Agency of Science and Technique.
- 2009

● **Landscape patterns associated to Hantavirus Pulmonary Syndrome rodent vector in Patagonia**
Granted by the Alaska Satellite Facility (ASF), Geophysical Institute at the University of Alaska Fairbanks (UAF).
- 2009
|
2006

● **Environmental variables in the dynamics of Argentinean Hemorrhagic Fever and Hantavirus Pulmonary Syndrome**
Grant from the National Fund for Science and Technology. Project Director: Dr. Jaime J. Polop.
- 2006
|
2004

● **Association between murid rodent abundance and vegetation in Río Cuarto Department, Córdoba, Argentina**
Project UNRC-CONAE. Res. 180/04 and 371/05. Project Directors: Dr. Jaime Polop and Dr. María Cecilia Provencal.

</> SOFTWARE DEVELOPMENT

- 2022

● **Ovitrap monitor**
Online application to count mosquito eggs from ovitrap pictures.
• Free instance: <https://ovitrap-monitor.gulich.unc.edu.ar/>
- 2020

● **GRASS GIS extension: [i.landsat.download](#)**
Downloads Landsat TM, ETM and OLI data from EarthExplorer using *landsatxplore* Python library.

- 2020 ● **GRASS GIS extension: [i.landsat.import](#)**
Imports Landsat satellite data downloaded using [i.landsat.download](#).

</> OPEN SOURCE CONTRIBUTIONS

- Current
|
2014 ● **Contributions to GRASS project**
- [GRASS core](#).
 - [GRASS add-ons](#).
 - [GRASS website](#).
 - [GRASS tutorials](#)
- 2025
|
2013 ● **Participation in OSGeo and GRASS Community Sprints**
Genova and Como (IT), Bonn*2 (DE), Paris (FR), Enschede (NL), Bucharest (RO), Florence (IT), Raleigh*2 (USA), Prague (CZ), online.
- 2024 ● **Mentor for GRASS during Google Summer of Code**
- Project: Add EODAG support to GRASS GIS.
 - Student: Hamed Elgizery (Egypt).
- 2019
|
2017 ● **Mentor for GRASS and OSGeo in the [Google Code-In](#) contest**
- Designed tasks of different difficulty level for high school students.
 - Assisted students for successful task completion.
 - Communication with other mentors and coordinators.
 - See students' contributions in the GCI 2017 edition: https://grasswiki.osgeo.org/wiki/GRASS_GCI_Ideas_2017
- 2017 ● **Organization and hosting of [GRASS GIS Community sprint](#)**



TEACHING POSITIONS

- 2024
|
2020 ● **Associate Professor**
Gulich Institute, CONAE-UNC.  Córdoba, AR
- Courses: Spatial Analysis and Satellite Imagery Processing.
- 2017 ● **Teaching Assistant**
ITC, University of Twente.  Enschede, NL
- Course: Geostatistics.

- 2016 ● **Invited lecturer**
Postgraduate course. 56 hours. Gulich Institute, CONAE-UNC. 📍 Córdoba, AR
• Course: Biology and Ecology of hosts and vectors.
- 2011 ● **Teaching Assistant**
Undergraduate course. 20 hours. National University of Río Cuarto.
📍 Río Cuarto, AR
• Course: Wildlife Management.
- 2011 |
2007 ● **Teaching Assistant**
Undergraduate course. 60 hours. National University of Río Cuarto.
📍 Río Cuarto, AR
• Course: Seminario de Orientacion Curricular.
- 2008 |
2007 ● **Field Assistant**
Undergraduate course. 60 hours. National University of Río Cuarto.
📍 Río Cuarto, AR
• Course: Management of animal populations.



COURSES AND WORKSHOPS OFFERED

- 2024 ● **GRASS GIS for Earth Observation data processing with Jupyter notebooks**
Taller. 4 horas. FOSS4G 2024. 📍 Belém, BR
• https://github.com/veroandreo/foss4g2024_grass4rs
- 2024 ● **Let's combine GRASS, Python and R: Satellite time series data for species distribution modeling**
Workshop. 4 hours. FOSS4G Europe. 📍 Tartu, EE
• https://veroandreo.github.io/grass_foss4geu_2024/
- 2024 ● **GRASS 101: From GUI Clicks to Writing Scripts**
Workshop. 4 hours. Tennessee Geographic Information Council (TNGIC). 📍 TN, USA
• <https://github.com/ncsu-geoforall-lab/tngic-2024>
- 2023 ● **Time series analysis and processing in GRASS GIS**
Postgraduate course. 60 hours. Gulich Institute, CONAE-UNC. 📍 Córdoba, AR
• Website with presentations and notebooks: <https://veroandreo.github.io/curso-grass-gis/>

Courses' and workshops' materials developed are open and available at github.com/veroandreo and gitlab.com/veroandreo.

2023	Using Satellite Data for Species Distribution Modeling with GRASS GIS and R Workshop. 3 hours. Center for Geospatial Analytics. NCSU. Invited speaker. Raleigh, USA R and Jupyter notebooks: https://veroandreo.github.io/grass_ncsu_2023/studio_index.html
2023	git and GitHub Workshop. 2 hours. Gulich Institute, CONAE-UNC. Córdoba, AR Slides: https://ppaccioretti.github.io/Taller_IG_Git_GitHub/#/1
2023 2022	Spatial Analysis Gulich Institute, CONAE-UNC. Córdoba, AR
2022	GRASS GIS for remote sensing data processing and analysis Workshop at FOSS4G 2022. 4 hours. Florence, IT Jupyter Notebooks: https://github.com/veroandreo/foss4g2022_grass4rs
2021	Analysis of space-time satellite data for disease ecology applications with GRASS GIS and R stats OpenGeoHub Summer School. Tutorial. 1 hour. Invited speaker. Online
2021	Processing and analysis of spatial data in GRASS GIS Gulich Institute, CONAE-UNC. Online Slides, code and data here.
2020	Satellite images processing and GIS Postgraduate course. 60 hours. Gulich Institute, CONAE-UNC. Online - Lectured on OBIA, remote sensing time series and BFAST in GRASS GIS and R. - Developed teaching material. See maie-procesamiento gitlab repo.
2019	Time series analysis and processing in GRASS GIS Postgraduate course. 40 hours. Gulich Institute, CONAE-UNC. Córdoba, AR
2019	Analysis of space-time satellite data for disease ecology applications with GRASS GIS and R stats Invited lecturer at the OpenGeoHub Summer School. Workshop. 2 hours. Munster, DE
2019	Analyzing space-time satellite data with GRASS GIS for environmental monitoring Invited lecturer at the OpenGeoHub Summer School. Workshop. 4 hours. Munster, DE
2019	Spatiotemporal data processing and visualization in GRASS GIS Workshop at FOSS4G 2019. 4 hours. Bucharest, RO

- 2018 ● **Handling and analysis of time series in GRASS GIS**
Short course at the Conference on Spatial Statistics. 12 hours. National University of Córdoba. 📍 Córdoba, AR
- 2018 ● **Time series processing in GRASS GIS: Applications in Ecology and Environment**
Postgraduate course. 40 hours. National University of Río Cuarto. 📍 Río Cuarto, AR
- 2018 ● **Spatiotemporal data processing and visualization in GRASS GIS**
Invited lecturer at [GEOSTAT Summer School](#). 📍 Prague, CZ
- 2017 ● **Hands-on to GIS and Remote Sensing with GRASS GIS**
Workshop supported by OSGeo NL. 6 hours. ITC, University of Twente. 📍 Enschede, NL
- 2017 ● **TGRASS: Temporal data processing with GRASS GIS**
Workshop at FOSS4G Europe. 4 hours. 📍 Paris, FR
- 2016 ● **TGRASS: Time series processing in GRASS GIS**
Workshop at FOSS4G Argentina. 4 hours. 📍 Buenos Aires, AR
- 2016 ● **Biology and Ecology of hosts and vectors**
Postgraduate course. 40 hours. MAEARTE. Gulich Institute, CONAE-UNC. 📍 Córdoba, AR
- 2015 ● **Introduction to GRASS GIS**
Training course. 32 hours. ISEA, National University of Córdoba. 📍 Córdoba, AR



SUPERVISION AND TRAINING

- Current | 2025 ● **First supervisor: Lucía Bartolomeu**
MSc thesis: Heat waves and Dengue in Argentina. UBA.
- Current | 2023 ● **Second supervisor: Josephine Piette**
PhD thesis: Influence of the Covid19 pandemic on Dengue incidence, risk and risk perception in Argentina. University of Namur, Belgium.
- Current | 2022 ● **First supervisor: Abraham Coiman**
PhD thesis: Predicting the Risk of Chronic Respiratory Diseases in the Province of Cordoba (Argentina) Using Remote Sensing and Machine Learning. DGSE. IG, CONAE-UNC.
- Current | 2022 ● **First supervisor: Tomas San Miguel**
PhD thesis: Development of Dengue Early Warning Systems based on satellite information and meteorological forecasts using mechanistic population models of *Aedes aegypti*. DGSE. IG, CONAE-UNC.

Current 2022	Second supervisor: Carla Rodriguez Gonzalez PhD thesis: Distribution of congenital infectious diseases and access to health care in the Triple Border of Argentina, Bolivia and Paraguay from a geo-spatial perspective. DSS, UNC.
2025 2023	Second supervisor: M. Sol Villella MSc thesis: Seasonal variability of surface temperature in relation to local climatic zones in the city of Cordoba, Argentina. MAIE. IG, CONAE-UNC.
2023	Internship tutor: Josephine Piette Dengue in Argentina. IG, CONAE-UNC. 1 month.
2022 2021	First supervisor: Carla Rodriguez Gonzalez MSc thesis: Environmental characterization of urban cover to assess ovitrap distribution to monitor <i>Aedes aegypti</i> . MAIE. IG, CONAE-UNC.
2022	Internship tutor: Charles Hamesse Implementation of a mosquito egg counting algorithm and application. IG, CONAE-UNC. 3 months.
2021 2016	First supervisor: Laura Rita Balparda MSc thesis: Assessment of the epidemiologic risk of leptospirosis in the city of Rosario, period 2013-2015. Universidad Autónoma de Entre Ríos.
2021 2016	Second supervisor: Juan Diego Pinotti PhD thesis: Delimitation, population genetic structure and potential distribution of species of the complex <i>Calomys callosus</i> (Rodentia, Cricetidae, Sigmodontinae). UNC.
2020	Internship tutor: Laura Zalazar Design and implementation of a webGIS. CONAE. 1 month.
2019	Internship tutor: Carla Rodriguez Gonzalez OBIA and Machine Learning for the classification of urban areas. CONAE. 2 months.
2018 2017	Second supervisor: Reshma Jeswani MSc thesis: Evaluation of the consistency of DMSP-OLS and SNPP-VIIRS Datasets. GFM. ITC, University of Twente.
2018 2015	Second supervisor: Diana Carolina Mora Fonnegra MSc thesis: Development of an operative system for the estimation of drought indexes based on remote sensing data. CONAE - UNC.
2017 2016	Second supervisor: Jiaxin Liu MSc thesis: Quantifying the Impact of Land Use/Land Cover Change and Modifiable Temporal Units Problem on Time Series Analysis. GFM-ITC, University of Twente.



THESIS ASSESSMENTS

- Current
|
2025

Modelling the distribution of *Aedes aegypti* in relation to historical climatic variables and future projections in southern South America
 PhD thesis: Lic. Tomás Rodríguez. UNC.

Córdoba, AR
- Current
|
2023

Meteorological and environmental factors on affecting Dengue in a temperate area in Argentina.
 PhD thesis: Natalia Indira Vargas Cuentas. DGSE. UNC.

Córdoba, AR
- Current
|
2020

Artificial intelligence approaches for wetland delineation and prediction at different scales.
 PhD thesis: Priscilla Minotti. DGSE. UNC.

Córdoba, AR
- 2025
|
2024

Evaluation of image segmentation models for the identification of residential areas in satellite images.
 MSc thesis: Axel Elseser. MAIE. UNC.

Córdoba, AR
- 2021

Assessment of Population's Exposure to Flood in Leptospirosis Endemic Slum Areas in Brazil Through Integration of 2D and 3D Data.
 MSc thesis: Surakshya Dhakal. GFM. ITC. UT.

Enschede, NL
- 2020
|
2019

Analytical tools for valuation and quantification of horticultural production based on remote sensing.
 MSc thesis: Maria Victoria Marinelli. MAIE. UNC.

Córdoba, AR
- 2020
|
2019

Environmental categorization for the evaluation of the spatio-temporal dynamics of artificial breeding sites of *Aedes aegypti* in Clorinda, Argentina (2012-2013).
 MSc thesis: Dr. Guillermo Albrieu Llinas. MAIE. UNC.

Córdoba, AR
- 2019

Evaluation of spatio-temporal dynamics of land cover and meteorological conditions for West Nile Virus disease outbreak in Greece.
 MSc thesis: Samson Warkaye Lamma. GFM. ITC. UT.

Enschede, NL



PROJECTS ASSESSMENTS

- 2025

External evaluator of PhD thesis plan.
 National University of Lujan.

Lujan, AR
- 2025

External evaluator of PhD thesis plan.
 National University of Córdoba.

Córdoba, AR
- 2024
|
2023

External evaluator for PID projects.
 Science and Technology Secretary. UNER.

Concepción del Uruguay, AR

- 2023 ● **Evaluator for FONCYT projects in the Biodiversity, Ecology, Genetics and Evolution Commission.**
National Agency for R+D+i. 📍 Buenos Aires, AR
- 2023 ● **External evaluator for NOVEL projects.**
School of Health Sciences. UNER. 📍 Concepción del Uruguay, AR

PEER REVIEW

- 2025 ● **Journal of Medical Entomology**
- 2025 ● **Climatic Change**
|
2024
- 2025 ● **PLOS Neglected Tropical Diseases**
|
2020
- 2024 ● **Geospatial Health**
Member of the editorial board.
|
2020
- 2024 ● **Reviewer for FOSS4G**
|
2019
- 2023 ● **Malaysian Journal of Medicine and Health Sciences**
- 2023 ● **Frontiers in Ecology and Evolution**
- 2023 ● **Drones - MDPI**
- 2023 ● **Viruses**
- 2023 ● **The Lancet Planetary Health**
- 2023 ● **Remote Sensing - MDPI**
|
2017
- 2023 ● **Reviewer for IGARSS**
|
2022
- 2022 ● **PLOS Climate**



- 2016 ● **Science of the Total Environment**
- 2016 ● **Land - MDPI**
- 2016 ● **Reviewer for SELPER 2016**
- 2014 ● **Zoonoses and Public Health**
- 2014 ● **Ecological Complexity**
- 2013 ● **Journal of Wildlife Diseases**



PRESENTATIONS AT SCIENTIFIC EVENTS

- 2025 ● **AedesTraits: A global dataset of temperature–dependent trait responses in Aedes mosquitoes**
Da Re, D.; **Andreo, V.**; San Miguel, T.; Blaha, M.; Rosá, R.; Rizzoli, A.; Harrison, J.; Sorek, S.; Johnson, L. R.; Huxley, P. SOVE.
📍 Chania, HER
- 2025 ● **Validación espacio-temporal de dos modelos poblacionales de Aedes aegypti en diez localidades argentinas**
San Miguel, T. V.; Da Re, D.; Espinosa, M. O.; Periago, M. V.; Lopez, L.; Guzmán, C.; **Andreo, V.** JRM.
📍 San Juan, AR
- 2025 ● **AedesTraits : set de datos abiertos sobre rasgos dependientes de la temperatura en mosquitos Aedes**
Andreo, V.; Da Re, D.; San Miguel, T. V.; Blaha, M.; Huxley, P. JRM.
📍 San Juan, AR
- 2025 ● **Ovitrap-Monitor: Aplicación para el conteo semi-automático de huevos de Aedes a partir de fotos de ovitrampas**
Andreo, V.; Hamesse, C.; Zader, P.; Rodriguez Gonzalez, C.; Beumier, C.; Rubio, J.; Porcasi, X.; Guzman, C.; Shimoni, M.; Scavuzzo, C. M. JRM.
📍 San Juan, AR
- 2025 ● **Spatio-temporal validation of two mechanistic models of Aedes aegypti population dynamics in ten Argentine localities**
Andreo, V. Climate-Sensitive Vector Dynamics Modelling Workshop. **Disertante invitada.**
📍 Online

- 2025 ● **Distribución potencial y solapamiento de reservorios de Ortohantavirus en el sur de Sudamérica: implicancias para la vigilancia epidemiológica**
 Pinotti, J. D.; **Andreo, V.** JAM. 📍 El Calafate, AR
- 2025 ● **Accesibilidad geográfica a servicios de salud en comunidades indígenas del Gran Chaco**
 Rodriguez Gonzalez, C.; Ávila, S.; Cardone, K.; **Andreo, V.**; Periago, M. V. Congreso de Salud Pública. 📍 CABA, AR
- 2025 ● **From temporal to spatio-temporal modelling: integrating population dynamics with socio-environmental variables to map Aedes aegypti suitability**
 San Miguel, T.; Da Re, D.; **Andreo, V.** LASOVE. 📍 La Plata, AR
- 2025 ● **Distribución de enfermedades infecciosas congénitas en una región del Gran Chaco Sudamericano**
 Rodriguez Gonzalez, C.; Ávila, S.; Cardone, K.; Fernández, M.; Crudo, F.; **Andreo, V.**; Periago, M. V. Argentinian Parasitology Conference. 📍 Puerto Iguazú, AR
- 2025 ● **GRASS-fed Species Distribution Models**
Andreo, V. GRASS Developer Summit. 📍 Raleigh, USA
- 2024 ● **Mapping Dengue: Spatial Applications for Surveillance and Prevention**
Andreo, V.; San Miguel, T. Science and Technology Meeting for Dengue Prevention. Invited speaker. 📍 Salsipuedes, AR
- 2024 ● **From field biology to the GRASS GIS board: A Journey of Open Source Discovery and Nurturing a New Generation of Contributors**
Andreo, V. FOSS4G 2024. Keynote speaker. 📍 Belém, BR
- 2024 ● **State of GRASS GIS**
Andreo, V. FOSS4G 2024. 📍 Belém, BR
- 2024 ● **Access to health systems and geospatial tools in the framework of an ETMI-Plus project**
 Rodriguez Gonzalez, C.; **Andreo, V.**; Periago, M. V. XXVII Congress of the Latin American Parasitology Federation. 📍 Buenos Aires, AR
- 2024 ● **Leveraging remote sensing for Public Health**
Andreo, V. GIS Day. Invited speaker. 📍 Online
- 2024 ● **Spatio-temporal analysis of dengue epidemics in Argentina (2009-2023)**
 Piette, J.; **Andreo, V.**; Morlighem, C; Linard, C. GeoMed. 📍 Hasselt, BE

- 2024 ● **Boost Spatial Data Science Workflows with GRASS GIS and R**
Andreo, V. useR Conference. 📍 Salzburg, AT
- 2024 ● **Status of GRASS GIS project**
Andreo, V. FOSS4G Europe. 📍 Tartu, EE
- 2023 ● **Development and implementation of an integrated spatial information-based communicable disease surveillance system**
Andreo, V.; Periago, V.; Anthieni, A. XXI Simposio Internacional Mundo Sano. Invited speaker.
📍 Buenos Aires, AR
- 2023 ● **How does native and exotic vegetation affect rodent assemblage occupancy in northwestern Chubut?**
Igarza, A.; Provencal, M.C.; **Andreo, V.;** Contreras, F. XXXIV Jornadas Argentinas de Mastozoología. Poster.
📍 Jujuy, AR
- 2023 ● **Distribution of congenital infectious diseases in the Triple Border of Argentina, Bolivia and Paraguay from a geo-spatial perspective**
Rodriguez Gonzalez, C.; Ávila, S.; Fernández, M.; Crudo, F.; **Andreo, V.;** Periago, M.V. XXI Simposio Internacional Mundo Sano. Poster.
📍 Buenos Aires, AR
- 2023 ● **State of GRASS**
Landa, M.; Neteler, M.; **Andreo, V.;** Petras, V.; Petrasova, A.; Pesek, O.; Karlovska, L. FOSS4G 2023.
📍 Prizren, KO
- 2023 ● **Environmental drivers of vector-borne and zoonotic diseases: Leveraging remote sensing for Public Health**
Andreo, V. *Geospatial Forum*. NCSU. Invited speaker. 📍 Raleigh, USA
- 2022 ● **Integrated Vector-Borne Disease Surveillance System, based on Spatial Information**
Andreo, V.; Anthieni, A.; Periago, V. *6ta Reunión de Proyectos e Investigación de Mundo Sano*.
📍 Buenos Aires, AR
- 2022 ● **Rodent assemblage occupancy in northwestern Chubut and its relationship with the main host of ANDES virus: a multispecies approach with Bayesian statistics.**
Igarza, A.; Provencal, M.C.; **Andreo, V.;** Contreras, F. Jornadas Argentinas de Mastozoología 2022.
📍 Puerto Iguazú, AR
- 2022 ● **Geotechnologies and remote sensing for eco-epidemiological studies of leishmaniasis and vectors**
Andreo, V. Congreso Latinoamericano de Entomología. 📍 La Plata, AR

- 2022 ● **How to distribute ovitraps for *Aedes aegypti* monitoring? An approach based on high-resolution satellite imagery, OBIA and landscape metrics in the city of Córdoba**
Rodríguez Gonzalez, C.; Guzman, C.; **Andreo, V.** / *Congreso de Salud Publica Municipal*.
📍 Córdoba, AR
- 2022 ● **State of GRASS GIS**
Neteler, M.; **Andreo, V.**; Petras, V.; Petrasova, A. FOSS4G 2022. 📍 Florence, IT
- 2022 ● **Remotely sensed change detection for the ecological characterization of a Cutaneous Leishmaniasis outbreak**
Andreo, V. International Symposium on Geospatial Health. **Invited speaker.**
📍 Online
- 2022 ● **Applications of geo-technologies to the study of neglected diseases**
Andreo, V. Ciclo de Seminarios CENDiE. **Invited speaker.** 📍 Online
- 2021 ● **Incorporating geotechnologies into the study of neglected diseases**
Andreo, V. 2da Jornada internacional de Diagnóstico de Laboratorio de las Equinocosis del Cono Sur: Herramientas innovadoras aplicables desde otros helmintos. **Invited speaker.**
📍 Online
- 2021 ● **Association between the ecological niche of species and their genetic diversity: an approach using the *Calomys callosus* species complex (Rodentia, Sigmodontinae) as a model**
Pinotti, J.D.; Ferreira, A.M.; **Andreo, V.**; González-Ittig, R.E. *e-JAM*. 📍 Online
- 2021 ● **Sentinel processing in GRASS GIS: A growing toolset for downloading, preprocessing and multitemporal analysis of Copernicus Sentinel data**
Riembauer, G.; Weinmann, A.; Tawalika, C.; **Andreo, V.**; Delucchi, L.; Fagandini, R.; Neteler, M. FOSS4G 2021.
📍 Online conference
- 2021 ● **State of GRASS GIS: The Dawn of a New Era**
Petras, V.; Klavivova, L.; Petrasova, A.; **Andreo, V.**; Neteler, M. y GRASS dev team. FOSS4G 2021.
📍 Online conference
- 2021 ● **GRASS GIS 8: from Desktop to Big Data Cubes**
Andreo, V. Open Data Science Europe. 📍 Wageningen, NL
- 2020 ● **Geo-tecnologías y sensado remoto para aplicaciones en Salud Pública**
Andreo, V. CODSpace webinar. **Invited speaker.** 📍 Online webinar

- 2019 ● **Landscape ecology and public health in urban areas: preliminary studies and future challenges**
Andreo, V.; Rodriguez-Gonzalez, C. Workshop on Landscape ecology and ecosystem services.
 ● Córdoba, AR
- 2019 ● **Development of an application to count mosquito eggs in ovitraps**
 Rubio, J.; **Andreo, V.**; Porcasi, X.; Guzman, C.; Gonzalez, P.; Lopez, L. XIX International Symposium on Neglected Diseases (In Spanish).
 ● Buenos Aires, AR
- 2019 ● **State of GRASS GIS project: 35 years is nothing!**
 Neteler, M.; **Andreo, V.**; Petrasova, A.; Lennert, M.; Landa, M.; Delucchi, L.; Metz, M. FOSS4G 2019.
 ● Bucharest, RO
- 2019 ● **Soil evaporation from cropping systems: a revised look at PETbased remote sensing methods.**
 Marshal, M.; **Andreo, V.** EGU General Assembly.
 ● Vienna, AT
- 2018 ● **GRASS GIS 7.4: What's new in a nutshell?**
 Neteler, M.; **Andreo, V.**; Delucchi, L.; Landa, M.; Lennert, M.; Petras, V.; Petrasova, A.; Mitsova, H. FOSS4G 2018.
 ● Dar es Salaam, TZ
- 2018 ● **Surveillance of ticks & tickborne diseases in Europe: Ixodes ricinus transmitted pathogens**
 Rizzoli, A.; Tagliapietra, V.; Rosà, R.; **Andreo, V.**; Neteler, M. ISESSAH-InnoSur 2018.
 ● Montpellier, FR
- 2018 ● **A wide view over Remote Sensing for fire mapping**
Andreo, V. Workshop on stochastic mapping of bushfires.
 ● Enschede, NL
- 2017 ● **Niche modeling and potential distribution of *Calomys boliviae* and *Calomys venustus* (Rodentia, Cricetidae).**
 Pinotti, J.; **Andreo, V.**; Calderon, G.; Martin, M.; Chiapero, M.; Gonzalez-Ittig, R. XXI Reunion of the Biological Society of Córdoba.
 ● Córdoba, AR
- 2017 ● **Relationship between flood frequency and soil types in Córdoba province**
 Pons, D.; **Andreo, V.**; Mari, N. XXVI National Conference of Water. ● Córdoba, AR
- 2016 ● **Detection and characterization of algal blooms in an eutrophic dam by means of a MODIS chlorophyll-a time series**
 Germán, A.; Tauro, C.; **Andreo, V.**; Bernasconi, I.; Ferral, A. International Symposium Selper 2016.
 ● Puerto Iguazú, AR

- 2015 ● **Analysis of spatio-temporal variations in phytoplankton blooms in the Argentinean shelf break and continental shelf by means of remote sensing (period 2003-2013)**
Andreo, V.; Dogliotti, A.I.; Tauro, C.B.; Torrusio, S. IX National Conference of Ocean Science.
 Ushuaia, AR
- 2014 ● **Preliminary estimation of risk areas for Hantavirus in Argentina**
Andreo, V.; Padula, P.; Neteler, M.; Rocchini, D.; Iglesias, A.; Porcasi, X.; Rizzoli, A.; Scavuzzo, C. M. III Panamerican Congress of Zoonoses.
 La Plata, AR
- 2012 ● **Space use by *Oligoryzomys longicaudatus* in the non-reproductive period in Lago Rivadavia valley (Chubut province, Argentina)**
 Juan E. E.; Piacenza M. F.; Andreo V.; Coda J.; Steinmann A.; Polop J. J. and M. C. Provencal. II Latinamerican Congress.
- 2011 ● **Demographic and biologic factors associated to hantavirus infections in *Oligoryzomys longicaudatus* in the northwest of Chubut province, Argentina**
 Polop, F.; **Andreo, V.**; Provencal, C.; Pini, N.; Enria, D.; Polop, J. XXIV Argentinean Meeting of Mammalogy.
- 2011 ● **Genetic structure of *Oligoryzomys longicaudatus* (Cricetidae: Sigmodontinae) populations in Chubut province**
 Ortiz N.; González Ittig R. E.; Polop F. J.; **Andreo V.**; Provencal M. C.; Gardenal, C. N. XXIV Argentinean Meeting of Mammalogy.
- 2010 ● **Environmental factors and *Oligoryzomys flavescens*' (Rodentia: Cricetidae) abundance variations**
 Serrano, L. S.; Provencal, M. C.; **Andreo, V.**; Polop, J. XXIII Argentinean Meeting of Mammalogy.
- 2010 ● **Tamarix (*Tamarix* spp.) potential distribution and risk of invasion in Argentina**
 Natale, E.; Zalba, S.; Reinoso, H.; **Andreo, V.** IV Binational Meeting of Ecology.
- 2010 ● **Estimating *Oligoryzomys longicaudatus* (Cricetidae: Sigmodontinae) potential distribution and its relationship with reported Hantavirus Pulmonary Syndrome (HPS) cases in Argentina**
Andreo, V.; Glass, G.; Shields, T.; Provencal, C.; Polop, F.; Levis, S.; Pini, N.; Polop, J. VIII International Conference on HFRS, HPS and Hantaviruses.
 Athens, GR
- 2010 ● **Association between host abundance, Andes virus antibodies and environmental variables in Southern Argentina**
 Polop, F.; **Andreo, V.**; Provencal, M.; De Filippi, R.; Enria, D.; Pini, N.; Porcasi, X.; Scavuzzo, M.; Abril, M.; Polop, J. VIII International Conference on HFRS, HPS and Hantaviruses.
 Athens, GR

- 2009 ● **Vegetation characteristics along a forest-steppe gradient in Northwestern Chubut**
Hechem, V.; Kutschker, A.; **Andreo, V.**; Codesal, P. XXXII Argentinean Meeting of Botany.
- 2009 ● **Spatiotemporal abundance variation of a Hantavirus reservoir and environmental conditions**
Polop F. J.; Provensal M. C.; **Andreo V.**; Enría D.; Porcasi X.; Scavuzzo M.; Polop, J. 10th International Mammalogical Congress.
📍 Mendoza, AR
- 2009 ● **Intra-specific competition, landuse and climate effects in the dynamics of two rodent species in Argentina**
Andreo V.; Lima M.; Provensal C.; Priotto J.; Polop, J. 10th International Mammalogical Congress. Invited speaker.
📍 Mendoza, AR
- 2008 ● **Temporal changes in rodent community composition in different habitats in Cholila, Chubut (Argentina)**
Polop, F.; Provensal, M. C.; **Andreo, V.**; Argel, F.; Polop, J. XXII Argentinean Meeting of Mammalogy.
📍 Córdoba, AR
- 2008 ● ***Oligoryzomys longicaudatus*' abundance in a forest-steppe gradient in the North West of Chubut province**
Andreo, V.; Provensal, M. C.; Polop, F.; Argel, F.; Polop, J. XXII Argentinean Meeting of Mammalogy.
📍 Córdoba, AR
- 2008 ● **Floristic analysis in a physiognomic forest-steppe gradient in the North West of Chubut province**
Andreo, V.; Oggero, A.; Hechem, V.; Provensal, C.; Polop, J. First Meeting of Natural Sciences of Patagonia. First Meeting of Natural Sciences of Patagonia.
📍 Esquel, AR
- 2008 ● **Computational developments for the use of spatial information in health. Part 1: Spatio-temporal simulation for rodents**
Muzzo, V.; Provensal, M. C.; Priotto, J.; **Andreo, V.**; Simone, I.; Piacenza, F.; Polop, F.; et al. XIII Symposium of the Society of Latin American Specialists in Remote Sensing and Spatial Information Systems (SELPER).
📍 La Habana, CU
- 2008 ● **Andes virus-host dynamics in Southern Argentina**
Polop, F. J.; Provensal, M. C.; **Andreo, V.**; Abril, M.; Argel, F.; Pini, N.; Levis, S.; Calderón, G.; Enría, D.; Polop, J. XI Internacional Symposium for epidemiologic control of vector borne diseases.
📍 Buenos Aires, AR
- 2007 ● **Dynamics of the host (*Oligoryzomys longicaudatus*) and the infection by Andes virus in Cholila (Chubut)**
Polop, F.; **Andreo, V.**; Provensal, M.C.; Priotto, J.; Pini, N.; Levis, S.; Enría, D.; Polop, J. XXI Argentinean Meeting of Mammalogy.

- 2007 ● **Changes in the abundance of *Oligoryzomys longicaudatus*, host of Andes Virus, in Cholila (Chubut, Argentina)**
Polop, F.; **Andreo, V.**; Provencal, M.C.; Priotto, J.; Pini, N.; Levis, S.; Calderón, G.; Scavuzzo, M.; Lamfri, M.; Enría, D.; Polop, J. VII International Conference on HRFS, HPS, and Hantaviruses.
📍 Buenos Aires, AR
- 2006 ● **Spatio-temporal dynamics of Hantavirus Pulmonary Syndrome (HPS) in Cholila (Chubut province, Argentina)**
Polop, F.; Provencal, M.C.; Priotto, J.; **Andreo, V.**; Scavuzzo, M.; Lamfri, M.; Calderón, G.; Levis, S.; Pini, N.; Enría, D.; Abril, M.; Polop, J. I Southamerican Meeting of Mammalogy.
📍 Gramado, BR
- 2005 ● **Exploratory analysis of an abundance time series for *Akodon azarae***
Polop, F.; **Andreo, V.**; Provencal, M.C.; Polop, J. XX Argentinean Meeting of Mammalogy.
📍 Buenos Aires, AR
- 2005 ● **Association between *Akodon azarae*'s (Rodentia, Muridae) abundance and environmental variables**
Andreo, V.; Provencal, M.C.; Polop, J. XX Argentinean Meeting of Mammalogy.
📍 Buenos Aires, AR



SCIENCE AND TECHNOLOGY COMMUNICATION

- 2022 ● **Yes, you can!**
Ping a Programadoras
📍 Online
• Link to YouTube [video](#). Presentation in Spanish.
- 2021 ● **Detection of environmental changes from remote sensing for ecological characterization of Leishmaniasis outbreaks.**
Gulich Institute, CONAE-UNC.
📍 Córdoba, AR
• Link to IG YouTube [video](#). Presentation in Spanish.
- 2021 ● **How to contribute to open source software?**
Gulich Institute, CONAE-UNC.
📍 Córdoba, AR
• Link to [podcast](#). Interview in Spanish.
- 2021 ● **Geo-technology and remote sensing for Public Health applications**
Andreo, V.. Silicon Misiones. Invited speaker.
📍 Online
• Presentation in Spanish.



ATTENDANCE TO SCIENTIFIC EVENTS

2025	Jornadas Regionales de Mosquitos	📍 San Juan, AR
2024	FOSS4G 2024	📍 Belém, BR
2024	useR	📍 Salzburg, AT
2024	FOSS4G Europa	📍 Tartu, EE
2023	Scientific-technological collaboration meeting between CONICET and Ministries of Health on <i>Aedes aegypti</i>	📍 Online
2023	XXI Simposio Internacional Mundo Sano	📍 Buenos Aires, AR
2023	Spring School IG 2023: The Americas from space	📍 Córdoba, AR
2022	Latinamerican Congres of Entomology	📍 La Plata, AR
2022	Spring School IG 2022: Advanced remote sensing and satellite systems	📍 Córdoba, AR
2022	FOSS4G 2022	📍 Florence, IT
2021	FOSS4G 2021	📍 Online
2021	FOSDEM 2021	📍 Online
2019	FOSS4G Belgium	📍 Brussels, BE
2019	FOSS4G 2019	📍 Bucharest, RO
2018	Workshop on Stochastic Mapping of bushfires	📍 Enschede, NL

2017	FOSS4G Europe 2017	Paris, FR
2016	Geospatial Sensor Webs Conference	Muenster, DE
2016	FOSS4G 2016	Bonn, DE
2016	FOSS4G Argentina 2016	Buenos Aires, AR
2015	IGARSS 2015	Milan, IT
2015	FOSS4G Europe 2015	Como, IT
2014	III Panamerican Congress of Zoonoses	La Plata, AR
2013	XIV Meeting of Italian users of GRASS and GFOSS	Genova, IT
2012	Argentinian Conference of Remote Sensing	Córdoba, AR
2009	American Society of Tropical Medicine and Hygiene	Washington, US
2009	X International Mammalogical Congress	Mendoza, AR
2008	XXII Argentinean Meeting of Mammalogy	Córdoba, AR
2008	I Meeting of Natural Sciences of Patagonia	Esquel, AR
2007	VII International Conference on HFRS, HPS and Hantaviruses	Buenos Aires, AR
2005	XX Argentinean Meeting of Mammalogy	Buenos Aires, AR



SCHOLARSHIPS

- 2022 ● **Travel grant from OSGeo to attend FOSS4G 2022**
- 2017
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2016 ● **Salud Investiga 2016. Scholarship from the National Health Ministry**
Project: Risk stratification for health/disease events associated to floods.
- 2015 ● **Travel grant from IEEE - Geoscience and Remote Sensing Society (GRSS)**
- 2014
|
2012 ● **CONAE postgraduate scholarship**
Scholarship to follow MAEARTE MSc program.
- 2013 ● **CONAE-ASI (Agenzia Spaziale Italiana)**
Scholarship to do a 6-months research internship in Italy.
- 2011
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2010 ● **CONICET - Postgraduate Scholarship**
Scholarship to conclude the PhD.
- 2009 ● **Fulbright and Bunge & Born Scholarship**
Scholarship to carry out research in USA for 3 months.
- 2009 ● **Travel grant from the Argentinean Society for the Study of Mammals (SAREM)**
- 2009
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2006 ● **FONCyT - Postgraduate Scholarship**
Scholarship to start a PhD.
- 2006
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2004 ● **Scholarship for research assistance**
Granted by the Science and Technology Agency of the National University of Río Cuarto to conduct research as an undergraduate student.



AWARDS

- 2021 ● **Angel Cabrera Award for best publication in Mastozoologia Neotropical**
SAREM
- 2005 ● **Premio Universidad with Honor Mention, Grade point average: 9.52 (grading scale: 1-10)**
National University of Río Cuarto.  Río Cuarto, AR

2005
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2004

Standard-bearer of the School of Exact, Physical, Chemical and Natural Sciences

National University of Río Cuarto.

📍 Río Cuarto, AR



MEMBERSHIPS

Current
|
2018

● **Member of the [OpenGeoHub Scientific Committee](#)**

Current
|
2017

● **OSGeo Charter member**

Current
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2017

● **GRASS Development Team**

2018
|
2017

● **EGU. European Geosciences Union.**

2018
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2014

● **IEEE - GRSS. Geoscience and Remote Sensing Society**

2012
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2008

● **SAREM. Argentinean Society for the Study of Mammals**



POSTGRADUATE COURSES TAKEN

2024

● **Introduction to HPC programming with python and applications to image processing.**

Gulich Institute, CONAE-UNC. 60 hours.

📍 Córdoba, AR

2022

● **Digital Image processing with Python**

Gulich Institute, CONAE-UNC. 60 hours.

📍 Córdoba, AR

2020

● **Images and Machine Learning in Python**

Gulich Institute, CONAE-UNC. 40 hours.

📍 Córdoba, AR

2018

● **Research projects: from elaboration to evaluation**

National University of Río Cuarto. 40 hours.

📍 Río Cuarto, AR

2013

● **Environmental Emergencies**

Gulich Institute, CONAE-UNC. 60 hours.

📍 Córdoba, AR

2013

● **Digital Processing of Satellite Imagery and GIS**

Gulich Institute, CONAE-UNC. 60 hours.

📍 Córdoba, AR

2013	Epidemiological analysis Gulich Institute, CONAE-UNC. 60 hours.	📍 Córdoba, AR
2013	Spatial analysis and risk situations Gulich Institute, CONAE-UNC. 60 hours.	📍 Córdoba, AR
2013	Numeric models for early warning, risk maps and simulation Gulich Institute, CONAE-UNC. 60 hours.	📍 Córdoba, AR
2013	Applications of Synthetic Aperture Radar images (SAR) Gulich Institute, CONAE-UNC. 60 hours.	📍 Córdoba, AR
2012	Introduction to remote sensing Gulich Institute, CONAE-UNC. 60 hours.	📍 Córdoba, AR
2012	Biology and Ecology of hosts and vectors Gulich Institute, CONAE-UNC. 60 hours.	📍 Córdoba, AR
2012	Introduction to planning Gulich Institute, CONAE-UNC. 60 hours.	📍 Córdoba, AR
2012	Programming and Numeric Methods Gulich Institute, CONAE-UNC. 60 hours.	📍 Córdoba, AR
2011	Introduction to GIS applied to conservation of natural resources National University of La Pampa. 40 hours.	📍 Santa Rosa, AR
2010	Spatial Patterns in Ecology: Models and Analysis National University of Buenos Aires. 64 hours.	📍 Buenos Aires, AR
2010	Introduction to Geostatistics National University of Buenos Aires. 50 hours.	📍 Buenos Aires, AR
2010	Multiple Regression models in R: GLM y GAM National University of Río Cuarto. 40 hours.	📍 Río Cuarto, AR
2008	Analytical Epidemiology National University of Río Cuarto. 24 hours.	📍 Río Cuarto, AR
2008	Modeling and Analyzing Ecological Processes National University of Río Cuarto. 60 hours.	📍 Río Cuarto, AR
2007	Introduction to Multivariate Statistics National University of Río Cuarto. 60 hours.	📍 Río Cuarto, AR
2006	Population fluctuations and climate: Theory and applications to understand and predict climate change effects on natural population National University of Río Cuarto. 60 hours.	📍 Río Cuarto, AR

2006 **Zoonoses**
National University of Río Cuarto. 40 hours.  Río Cuarto, AR



OTHER COURSES TAKEN

2024 **Mandatory training in Gender. Ley Micaela (27499).**
National Institute of Public Administration.

2023 **Introduction to implementation research**
Fundación Mundo Sano.  CABA, AR

2023 **Mandatory training in Environmental Law. Ley Yolanda (27592)**
National Institute of Public Administration.

2021 **Machine Learning for Earth Observation**
University of Pavia.  Pavia, IT

2021 **GEE laboratory**
University of Pavia.  Pavia, IT

2020 **Python: from zero to hero**
Udemy.  Online

2019 **Workshop on Landscape Ecology and Ecosystem Services**
Gulich Institute, CONAE-UNC.  Córdoba, AR

2019 **OpenGeoHub Summer School**
40 hours.  Muenster, DE

2018 **Introduction to Python**
Gulich Institute, CONAE-UNC. 16 hours.  Córdoba, AR

2018 **Workshop on GEE**
National University of Córdoba. 4 hours.  Córdoba, AR

2018 **GEOSTAT Summer School**
40 hours.  Prague, CZ

2016 **Introduction to Sensor Web Enablement (SWE)**
2 hours.  Muenster, DE

2016 **GEOSTAT Summer School**
40 hours.  Albacete, ES

2016 **Spatial Analysis in R**
4 hours.  Buenos Aires, AR

- 2015 ● **How to write a Python GRASS GIS 7 add-on**
4 hours. 📍 Como, IT
- 2014 ● **IV International School for Advanced Training in Landscape Epidemiology**
Gulich Institute, CONAE-UNC. 📍 Córdoba, AR
- 2012 ● **Retrieval of biophysical parameters from SAR images: Techniques and applications**
Gulich Institute, CONAE-UNC. 40 hours. 📍 Córdoba, AR
- 2012 ● **Study of ecosystems through hyperspectral imagery analysis**
National University of Córdoba. 4 hours. 📍 Córdoba, AR
- 2006 ● **V Bio-security Workshop**
National Institute of Human Viral Diseases. 40 hours. 📍 Pergamino, AR
- 2006 ● **Introduction to “R”: Introduction to language and statistical applications using R**
National University of Mar del Plata. 60 hours. 📍 Balcarce, AR
- 2005 ● **Principles of Population dynamics**
National University of Río Cuarto. 60 hours. 📍 Río Cuarto, AR
- 2004 ● **Principles and Tools for biodiversity conservation: Adaptive Management**
National University of the South. 60 hours. 📍 Sierra de la Ventana, AR



OTHER ACTIVITIES

- 2020 ● **Leadership training based on Ontologic Coaching**
Inspira - Leadership and Human Development. 📍 Buenos Aires, AR
• 10 weeks training full of challenges.
- 2016 | 2011 ● **Correction and translation of scientific papers**



EVENT ORGANIZATION

- 2022 ● **Organizer and Coordinator of the Spring School IG**

• Contact speakers and agree on the topic of their presentations. Prepare general schedule.
• Moderate sessions.

2021
|
2019

● **Chair of the [Program Committee](#) of FOSS4G 2021**

- Coordinate team efforts to deliver outputs on time.
- Communicate with different members in different areas.
- Get familiar with online conferences tools and software stack.

2019

● **Member of the [Program Committee](#) of FOSS4G 2019**

2008
|
2007

● **Member of the local organizing committee of the XXII Argentinian Meeting of Mammalogy**

This CV is made with [pagedown](#).

The source code is available at gitlab.com/veroandreo/cv.

Last updated on 2026-01-29.