

INFORMAZIONI PERSONALI

Federica Chiozza

OCCUPAZIONE PER LA QUALE
SI CONCORRE

Consistency check delle valutazioni IUCN Red List dei mammiferi europei e preparazione della cartografia digitale

ESPERIENZA
PROFESSIONALE

02/2018–01/2023

GIS and Remote Sensing Expert

Food and Agriculture Organization of the United Nations – Geospatial Unit, Land and Water Division (NSL)

Main activities and responsibilities:

- Support the activities of the Unit in the development and use of geospatial data (including EO data) and tools and in the technical support to in-country requests on land monitoring and Agro-Ecological Zoning (AEZ);
- Coordinate the AEZ thematic area at the NSL Geospatial Unit in collaboration with other divisions in FAO and international partners (e.g. ESRI, AIT, IIASA). This includes also:
 - organizing weekly meetings, consultations, events and trainings in coordination, on Agro-Ecological Zoning methodological development, access to data, knowledge transfer, technical documentation, in-country technical assistance;
 - coordinating the preparation of AEZ knowledge products;
 - leading the development of innovative tools and applications on GAEZ platform;
 - ensuring the data integrity on the platform, ensuring regular quality assurance and control;
 - supporting resource mobilization efforts related to Agro-Ecological Zoning, (formulation of concept notes and project documents, technical specification, work plan, budget, terms of reference);
 - providing technical support to in-country requests and regularly update and answer to technical requests related to Global Agro-Ecological Zoning platform functionalities.
- Perform specific tasks for the production of land cover maps and crop type mapping at national and sub-national level through the collection and standardization of ancillary geo-spatial data, collection and pre-process of satellite imagery and use of cloud-based computing platforms;
- Prepare methodological documents and reports, and provide daily technical support and guidance to national experts on the use of geospatial technologies and tools for land cover and crop mapping and monitoring;
- Provide technical support to in-country requests on land monitoring and agro-ecological zoning (formulation of concept notes and project documents, technical specification, work plan, budget, terms of reference);
- Technical support for the publication of the new “The state of the world’s land and water resources for food and agriculture, SOLAW”;
- Technical support in the development of national land cover databases for Pakistan and South Sudan under projects “Development of E-agriculture applications and knowledge products using innovative ICT Technologies” in Pakistan and “Strengthening the Livelihoods Resilience of Pastoral and Agro-Pastoral Communities in South Sudan’s cross-border areas with Sudan, Ethiopia, Kenya and Uganda” in South Sudan.

12/2019–06/2022

GIS Expert

World Bank

Support to the World Bank team in the mapping and training activities in the context of the partnership

- between the Italian Ministry of Labor and Social Policies and the World Bank.
- 01/2010–12/2021 Mammal Reassessment Officer for the IUCN Red List**
 Sapienza University of Rome - Department of Biology and Biotechnologies, Rome (Italy) and International Union for the Conservation of Nature (IUCN), Gland (Switzerland)
- In 2010 Sapienza University of Rome, became IUCN Red List partner for mammals, volunteers to support the IUCN/SSC Mammal Specialist Groups in the reassessment process. In this context, I started collaborating with the Global Mammal Assessment Program at Sapienza University of Rome carrying out a series of tasks in the various stages of the reassessment process. Specifically, I am responsible in the day-to-day update of the IUCN Red List mammal data (including GIS maps) and the final consistency check of all mammal Red List assessments before the submission to the IUCN Red List Unit and publication of the data on the IUCN Red List website. I work in close contact with IUCN SSC's network of Specialist Groups and Red List Authorities, assisting them in the various stages of the reassessment process.
- 07/2016–01/2018 BEFS and GIS Consultant (Natural Resources)**
 Food and Agriculture Organization of the United Nations - Climate and Environment Division (CBC), Rome (Italy)
- 02/2011–12/2014 GIS Consultant**
 Various institutions and organizations
- 01/2004–12/2009 Consultant Global Livestock Mapping and Ecological Systems Management**
 Food and Agriculture Organization of the United Nations - Agriculture Department, Livestock Information, Sector Analysis and Policy Branch (AGAL), Rome (Italy)

ISTRUZIONE E FORMAZIONE

- 2005–2006 Master’s degree in “Conservation of Animal Biodiversity: Protected Areas and Ecological Networks”** EQF level 7
 Sapienza University of Rome, Rome (Italy)
- Biodiversity Conservation
 - Thesis title “The Cost of Conservation in Uganda”
- 1997–2003 Master’s degree in Natural Science** EQF level 6
 Sapienza University of Rome, Rome (Italy)
- Natural Sciences
 - Thesis title “Use of habitat suitability models for the Gap Analysis of African protected areas”

COMPETENZE PERSONALI

Lingua madre Italian

Altre lingue	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
English	C1	C2	C1	C1	C1
UN LPE - Language Proficiency Examination					
French	B1	B2	B1	B1	B1
UN ILE - Intermediate Language Examination					
Spanish	A1	B1	A1	A1	A1
C1					

Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato
[Quadro Comune Europeo di Riferimento delle Lingue](#)

Competenze comunicative Good communication skills gained through my experience as consultant in projects in academia and international organizations

Competenze organizzative e gestionali

- Excellent problem-solving skills
- Good ability to handle varying workloads
- Good ability to prioritise tasks
- Excellent organisational skills also when working remotely

Competenze professionali

- Advanced geospatial analysis capabilities and expertise using geographic information systems: geo-referenced data collection and generation; pre-processing, management and spatial analysis of maps and Earth Observation data
- Implementation of procedures and tools to improve the management of geospatial datasets
- Strong knowledge of data, spatial data, indicators, and instruments in the context of agriculture, environment, and global biodiversity
- Excellent knowledge and management of data dissemination and analysis
- Excellent knowledge of Red List assessment methodology

Competenze digitali

AUTOVALUTAZIONE				
Elaborazione delle informazioni	Comunicazione	Creazione di Contenuti	Sicurezza	Risoluzione di problemi
Utente avanzato	Utente avanzato	Utente avanzato	Utente intermedio	Utente avanzato

Livelli: Utente base - Utente intermedio - Utente avanzato
[Competenze digitali - Scheda per l'autovalutazione](#)

- GIS software: QGIS; Esri family: ArcGIS Pro, ArcGIS Online, ArcGIS 10.x (including Model Builder, Geodatabase management, Spatial Analyst and Geostatistical Analyst packages, StoryMap); ERDAS IMAGINE
- Cloud-based geospatial platforms: Google Earth Engine, Sepal
- Python language
- Computer literate (Word, PowerPoint, Excel, Access)

Patente di guida

Patente A e B

ULTERIORI INFORMAZIONI

Certificazioni

- Programming with Python. Creating scripts and plugins with QGIS – TerreLogiche
- Echoes in Space – ESA MOOC on Radar Remote Sensing
- Google Earth Engine – FAO Virtual Training Workshop
- Python Scripting for Geoprocessing Workflows – ESRI Online Course
- Creating and Sharing GIS Content Using ArcGIS Online – ESRI Online Course
- Synthetic Aperture Radar (SAR) remote sensing for disaster monitoring – MOOC
- IUCN Red List Trainer - International Union for Conservation of Nature (IUCN)

ALLEGATI

- Copia titoli conseguiti

Dati personali

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".

La sottoscritta dichiara di essere consapevole che il presente *curriculum vitae* sarà pubblicato sul sito istituzionale dell'Ateneo, nella Sezione "Amministrazione trasparente", nelle modalità e per la durata prevista dal d.lgs. n. 33/2013, art. 15.

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