



FEDERICA SAVINI

SUSTAINABILITY CONSULTANT &
PROJECT MANAGER - FREELANCER

I am an active, energetic woman, passionate about research, science, environment, and sustainability. I have always been motivated by the desire to learn and step outside my comfort zone.

Date of birth: 03/04/1989
Place of birth: Ravenna, Italy

Ravenna City Council Member
since June 2025
5 years duration

CONTACTS

+39 3397158900

federicasavini@gmail.com

LinkedIn: federicasavini

Via G. Pasolini 24, Ravenna

LANGUAGES

English C2 (CAE certificate C1 - 2014)

German B1 (Telc certificate B1 - 2018)

Spanish B1/B2

SOFTWARE

Office Package

Canvas

Python + Latex

WORK EXPERIENCE

02/24 -
pres.

SUSTAINABILITY & CIRCULARITY CONSULTANT

Ravenna

Developing and supporting projects and activities, as a freelancer, for companies (e.g. ART-ER and META-Confindustria Romagna) and start-ups in the framework of sustainability and circular economy

09/23 -
01/24

SERVICE APPLICATION MANAGER

Regenstech - Ravenna

Development and implementation of technologies suitable for textile recycling in the framework of circular economy applied to the sustainable fashion sector for an Italian start-up

05/22 -
08/23

CONSULTING TEAM LEADER ITALY

CYRKL - Bologna

Analysis and coordination of Italian and international Circular Economy projects about waste streams, green sourcing, recyclability, and innovative materials for a green-tech start-up born in Prague in 2019; speaker at and coordinator of events; activities for social media (e.g. LinkedIn); publications on Nuova Energia journal

09/20 -
04/22

RESEARCHER

RSE spa - Milano

Energy Efficiency Group - EU policy analysis and project coordination on sustainability and energy, support on EU Interreg project on e-mobility, speaker at conferences; publications on Nuova Energia journal

07/21 -
10/21

RESEARCH COLLABORATOR

Management Institute of Scuola Superiore Sant'Anna of Pisa

Data analysis and support on research projects

10/19 -
08/20

R&D PROJECT MANAGER

Sis.Ter srl - Bologna

Coordination of research projects financed by the Emilia-Romagna Region in the area Innovation and Smart City

9/19 -
12/19

INTERNSHIP

Sis.Ter srl - Bologna

Project: ChECK it! - Circular Economy City Kit - Prof. F. Testa

FEDERICA SAVINI

CONSULTANT, RESEARCHER,
& PROJECT MANAGER

EXPERIENCES

- TEDx SPEAKER
- CLASSES AT UNIVERSITY OF THIRD AGE ON SUSTAINABILITY
- SPEAKER AT ROTARY AND LIONS CONFERENCES
- ELEMENTARY CLASSES ON BIOECONOMY
- STAY ABROAD
- VOLUNTEERING (e.g. 2 weeks in South Africa, beach clean-ups)
- SCIENTIFIC ADVICE FOR EXHIBITIONS

INTERESTS



EDUCATION

2019

2ND LEVEL MASTER IN ENVIRONMENTAL MANAGEMENT

Scuola Superiore Sant'Anna of Pisa

Circular economy and resource management efficiency (energy, water, waste)

Laboratory at Enel on Energy Storage Li-ion batteries

2018 -
2015

PHD IN ASTROPHYSICS

University of Hamburg, Germany

Thesis: Radio diffuse emission in non-merging galaxy clusters - Prof. A.

Bonafede, Prof. M. Brueggen

Grade: 1 magna cum laude

- Interferometric data science with Python coding
- Teaching Assistant (Astronomy and Astrophysics I and II, Cosmology)
- 13 articles on peer-reviewed journals (A&A, MNRAS) among which 3 as first author
- Responsible for a Journal Club at the Hamburg Observatory
- Speaker/attendant to international conferences, workshops, and schools
- Principal Investigator of 5 observing proposals with radio observatories based in India and the Netherlands
- Member of the LOFAR Survey key science project in galaxy clusters

2015 -
2012

MASTER'S DEGREE IN ASTROPHYSICS

University of Pisa

Thesis: A multiwavelength study of the extended radio lobes of the giant elliptical radio galaxy M87 - Prof. S. N. Shore

Grade: 110/110 cum laude

- Radio astronomy Lab in Bologna
- Active Galactic Nuclei course in Bologna, Prof. G. Giovannini

2012 -
2008

BACHELOR'S DEGREE IN PHYSICS

University of Pisa

Thesis: Laboratory simulation of the entry and survival of micrometeoroids in the Earth's atmosphere - Prof. S. N. Shore

Grade: 109/110

2008 -
2003

CLASSICAL HIGH SCHOOL DIPLOMA

Ravenna

Degree: 100/100 cum laude

First-author publications

2019 Savini F. et al. - *Astronomy & Astrophysics* - *A LOFAR study of non-merging massive galaxy clusters*

2018 Savini F. et al. - *Monthly Notices of the Royal Accademical Society* - *First evidence of diffuse ultra-steep-spectrum radio emission surrounding the cool core of a cluster*

2017 Savini F. et al. - *Monthly Notices of the Royal Accademical Society* - *Studying the late evolution of a radio-loud AGN in a galaxy group with LOFAR*