

# BERNIE BASTIEN-OLVERA

PhD Geography

Risk assessment of climate change  
impacts in ecosystem services

Consultant

## PROFILE

I am an institutional Postdoctoral Fellow at the Scripps Institution of Oceanography in UC San Diego.

My work explores how climate change will impact the ecosystems that provide tangible and intangible benefits to people. By modeling these coupled human-natural systems and statistically analyzing empirical data, I explore mitigation and adaptation pathways that protect the diverse and unique nature contributions to society.

## CONTACT

☎ 530-761-3688

✉ [bastien.oba@gmail.com](mailto:bastien.oba@gmail.com)

🌐 <https://berbastien.github.io/>

## SERVICES

### Consulting services

I provide consulting services that focus on assessing the risks of climate impacts on ecosystem services and forecasting their values.

As demonstrated by my publications in Nature Sustainability and Environmental Research Letters, I have extensive knowledge and experience in the field of climate change and ecosystem services. I use cutting-edge tools and models to evaluate the risks and opportunities associated with these services in different regions and sectors. My risk assessment services help financial institutions, governments, and investors identify potential threats and vulnerabilities to ecosystem services that arise from climate change. Also, I offer recommendations on how to minimize risks and maximize benefits to the people.

I provide detailed reports and analyses on the expected future values of ecosystem services in the study area, such as clean water, fertile soil, and recreation, and their potential impacts on the financial performance of different sectors and regions. This information can help financial institutions and investors to make informed decisions on investing, land management, and other activities that may affect ecosystem services today and in the future. My focus on climate change and ecosystem services is driven by the belief that these services are essential for the well-being of people and the planet.

## SKILLS

- Technical writing and presentation skills
- Data analysis and interpretation (Microsoft, R, Matlab, Julia)
- Stakeholder engagement and communication

## EDUCATION

### PhD Geography

2017-2022

University of California Davis, USA

### MSc Climate Change

2016-2017

University College London, UK

### BSc Earth Science

2010-2015

National Autonomous University of Mexico, MX