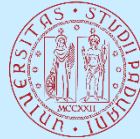




**Climate Justice**  
Jean Monnet  
Centre of Excellence

1222-2022  
**800**  
ANNI



UNIVERSITÀ  
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DI PADOVA



With the support of the  
Erasmus+ Programme  
of the European Union

INTERNATIONAL CONFERENCE ON CLIMATE JUSTICE – 1 June 2021

# Climate Justice

## The Jean Monnet Centre of Excellence at University of Padova

Massimo De Marchi

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Academic Coordinator of Climate Justice Jean Monnet CoE



[www.climate-justice.earth](http://www.climate-justice.earth)



# Climate Justice Centre of Excellence Jean Monnet



With the support of the  
Erasmus+ Programme  
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620401-EPP-1-2020-1-IT-EPPJMO-CoE

**36 Months - 10/09/2020 - 10/09/2023**





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# Climate Justice Centre of Excellence Jean Monnet Project Coordinator

University of Padova

Department of Civil Environmental  
Architectural engineering

- Research programme Climate Change, Territories, Diversities
- Laboratory GIScience and Drones for Good (D4G)
- International Joint Master degree on Sustainable Territorial Development - Climate Change, Cooperation, diversity
- Advanced Master in GIScience and Unmanned Systems for the integrated management of territory and natural resources



# Roots... <https://www.dicea.unipd.it/en/research/research-groups/climate-change-territories-diversity>

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CIVIL,  
ENVIRONMENTAL AND  
ARCHITECTURAL  
ENGINEERING



ITA

Home > Research > Research Groups > Climate change, territories, diversity > **Research lines**



Research at ICEA

Funding opportunities

Research Groups

Climate change  
territories  
diversities

## Research lines

- > Climate change, territory and diversity should be considered intertwined.
- > The interdisciplinary research group deals with issues of ecological and cultural diversity (also called bio-cultural diversity) in a comparative and multi-scale.
- > The research focused on three geographical areas in Italy (Veneto, Trentino and Basilicata), and the Amazon region of Ecuador and Peru.
- > The research approaches integrate GIS Science with qualitative and participatory methodologies,









# Roots ... - Advanced Master on "GIScience and Unmanned System for the integrated management of the territory and the natural resources"



**GIScience**  
e Sistemi a Pilotaggio Remoto  
per la gestione integrata del territorio e delle risorse naturali

Master universitario  
II livello

UNIVERSITAS • STUDI PROPRI  
TURIN • 1609

- MASTER ▾
- ISCRIZIONI ▾
- INDIRIZZI/INSEGNAMENTI ▾
- CORSI SINGOLI ▾
- DOCENTI
- RETE/STAGE ▾
- PROGETTI ▾
- INFO ▾





# Roots... International Joint Master degree on Sustainable Territorial Development - Climate Change, Cooperation, diversity



**Professional Partners**



<https://em-stede.eu/>

# Roots ... First level professional Master Políticas de Cambio Climático, Biodiversidad y Servicios ecosistémicos (Ecuador)

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INGEGNERIA CIVILE  
EDILE E AMBIENTALE



UNIVERSIDAD ANDINA  
SIMÓN BOLÍVAR  
Ecuador

Home > Didattica > Master > Master di Primo livello internazionale in Politiche del Cambiamento Climatico, Biodiversità, Servizi Ecosistemici (in ...



Corsi di Studio +

Segreteria didattica

Scuola di Ingegneria

Summer and winter schools

Engineering for Africa +

Master -

**Master di Primo livello internazionale Políticas de Cambio Climático, Biodiversidad y Servicios ecosistémicos, 2019/2020**

Idioma: Español . Sede de la didactica: Quito, Ecuador, Universidad Andina Simón Bolívar

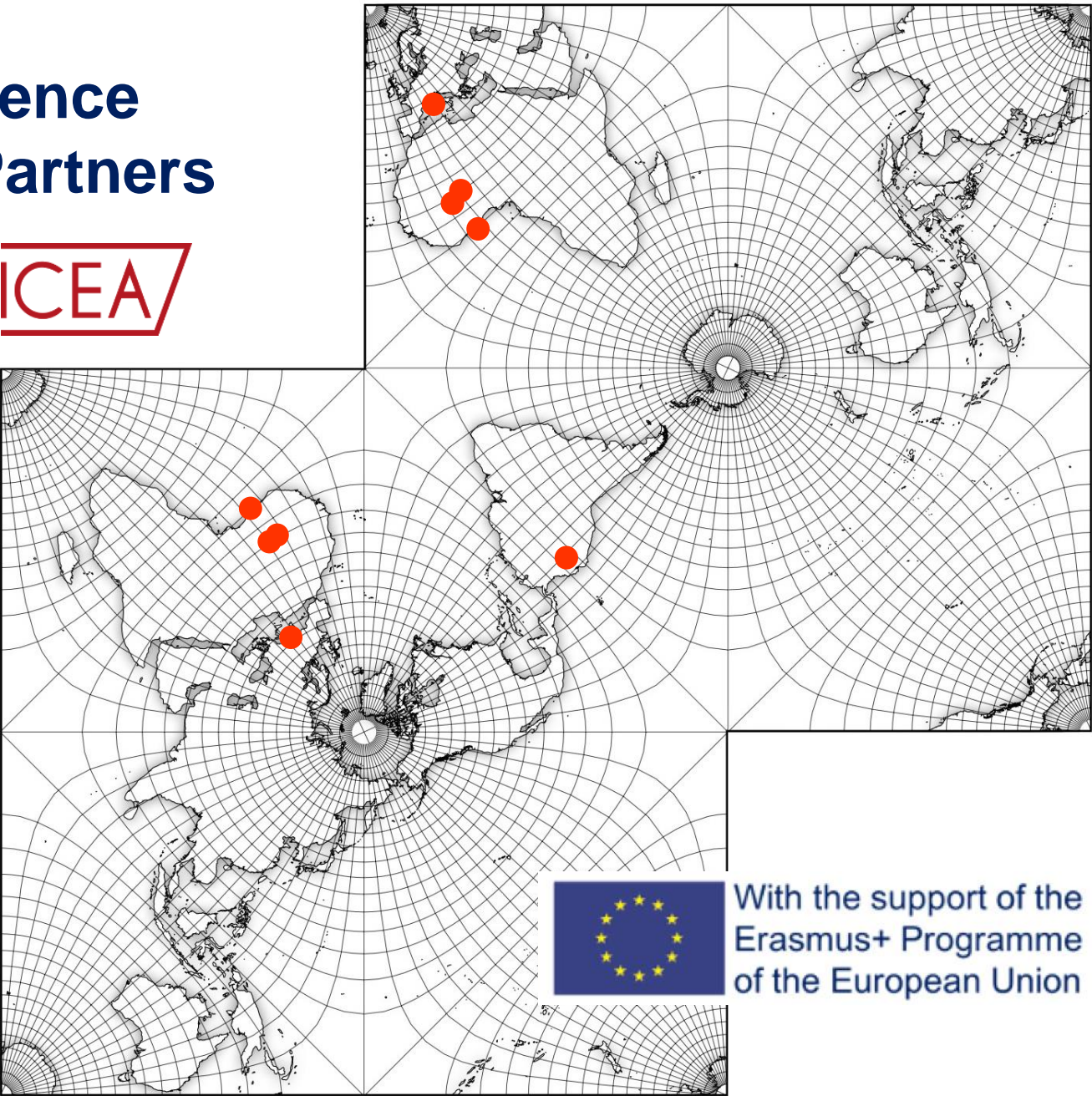
Programa conjunto en "Políticas de Cambio Climático, Biodiversidad y Servicios Ecosistémicos" entre Università degli Studi di Padova (UNIPD) y Universidad Andina Simón Bolívar (UASB), Sede Ecuador con doble título separado:

> Master di primo livello in "Politiche del Cambiamento Climatico, Biodiversità, Servizi Ecosistemici" por UNIPD





# Climate Justice Centre of Excellence Jean Monnet - Partners



With the support of the Erasmus+ Programme of the European Union





## PROJECT OBJECTIVE

- To develop an hub generating, exchanging and gathering scientific knowledge, practices, expertise on EU climate justice policies at International, European, National and local level consolidating dialogue among research, institutions, civil society

## SPECIFIC OBJECTIVES

- To spread the effort of EU on Climate Justice, Climate Rights and policies for energy transition by implementing innovative and interdisciplinary courses
- To explore the added value of energy transition and “unburnable carbon” scenarios for various domestic policy areas in the EU
- To disseminate results of teaching and researching by exchanging experiences and new tools to promote dialogue between the academic world and society





# Main activities

- Interdisciplinary teaching activities with the use of Geographic Information Science to analyse and communicate energy transition scenarios and policies for human rights protection and biodiversity conservation
- Interdisciplinary research on “unburnable carbon scenarios” in highly diverse biocultural regions in Europe and Amazon rainforest
- Networking with universities, institutions, and organizations from civil society to foster the use of interdisciplinary tools and methodologies about the role of EU in climate policies





- Climate change and adaptation on ecosystems and societies (M12) (48 hours, 80 students for 2 years)
- MOOC: Climate change, adaptation on ecosystems and societies (M19) (48 hours, 80 students for 2 years)
- MOOC: GIScience on Climate Justice (M19) (24 hours, 100 students for 2 years)







## **Geospatial social intelligence for keeping fossil fuels underground: toward climate justice**

### Research objectives

- 1) to investigate and map relationships and interactions between oil and gas projects and activities and high ecological and cultural diversities areas in Europe and in Ecuador
- 2) To investigate European policies and projects concerning the efforts to the transition to 0 emissions and climate justice related to oil and gas projects and activities, between European and non European countries
- 3) To develop a geospatial social intelligence tool to define where to leave oil and gas under soil
- 4) to define geographical criteria and methodologies to identify unburnable carbon areas or where these oil and gas activities should be carried out with best practices in a perspective of transition from fossil fuels;





## **Geospatial social intelligence for keeping fossil fuels underground: toward climate justice**

### Research objectives

- 5) to involve political, societal, scientific and economic sectors in a participatory decision making process to define European unburnable carbon areas;
- 6) to investigate and map best practices in Climate Justice related to oil and gas activities in Europe and Ecuador, between and within these countries
- 7) to investigate and map climate justice conflicts and climate injustice related to oil and gas activities, between and within these countries
- 8) to create consciousness and debate in civil society and with European decision makers about the thematic of Climate Justice, unburnable carbon, alternatives to fossil fuels







**Climate Justice**  
Jean Monnet  
Centre of Excellence

# Dissemination and communication

## Many languages

- English
- Spanish
- Italian

## Many tools

- Web
  - Website
  - Geoweb platform
  - Connections with MOOCs
- Newsletter
- Social network
- Events

*Networking and permanent round table on Climate Justice*





- **The new Centre of Excellence on Climate Justice (Sem 2, June 2021)**
- Making the point of Climate Justice (event 1, Sem 3)
- Making the point of Climate Justice (event 2, Sem 4)
- Making the point of Climate Justice (event 3, Sem 5)
- International Conference “against Climate Change and toward Climate Justice” (M34, June 2023, 2 days)







- Permanent Roundtable about Climate Justice
- Set up and stimulated during all the phases of the project
- Involving representatives from civil society sectors in Italy, Europe, World
- Public Administrators
- European Institutions





- Climate Justice WebPortal
- Social network
- Newsletter of the Centre of Excellence on Climate Justice
- Platform of Climate Justice (Geo-portal with WebGIS and geo-database)
- Scientific articles of the Research Project
- Special issue of the International Conference “against Climate Change and toward Climate Justice”
- Book. Climate Justice: between best practices and conflicts in an Oil and Gas Europe
- Climate Justice Roundtable

