

# CLIMATE ACTIONS AND JUST TRANSITION

## SECOND INTERNATIONAL CONFERENCE

11/15  
Dec  
2025

### 11<sup>st</sup> December | Intersecting the Multiple Scales of Climate Justice: Mapping Inclusive Adaptation and Just Fossil Fuel Transitions

Conference session in the Smart and Sustainable Planning for Cities and Regions, SSPCR 2025

#### 14.00 - 17.30 (UTC+1) | Webinar

Chair: Massimo De Marchi<sup>1</sup>, Salvatore E. Pappalardo<sup>1</sup>, Francesca Peroni<sup>2</sup>

<sup>1</sup>Jean Monnet Centre of Excellence on Just Fossil Fuel Transitions,  
ICEA Department, University of Padova

<sup>2</sup>Leader MSCA Project | RESTART - Urban climate justice and community  
participation: towards inclusive adaptation strategies

Citizen Science Ferrara: community-based environmental monitoring  
for co-design mitigation actions and improve climate justice  
**Piergiorgio Cipriano**, Dedagroup

Toward an Arctic Atlas of Unburnable Carbon: mapping Oil and Gas  
extraction, biodiversity and Indigenous lands through a  
climate justice lens

**Daniele Codato**, Jean Monnet Centre of Excellence on  
Just Fossil Fuel Transition, ICEA Department, University of Padova

Climate justice in warming cities: mapping ten years of climate  
extremes and their potential impacts in Padua (Italy)  
**Francesco Facchinelli**, Jean Monnet Centre of Excellence  
on Just Fossil Fuel Transition, ICEA Department, University of Padova

Equitable urban climate action through microclimatic simulations:  
a case study from Padua (Italy)  
**Salvatore E. Pappalardo**, Jean Monnet Centre of Excellence  
on Just Fossil Fuel Transition, ICEA Department, University of Padova

Democratizing Science for Urban Climate Justice: the SCIFT experience in Bologna  
**Officina di Scienza, Climattivismo, Immaginazione, Formazione e Tecnologia (SCIFT)**, Bologna

From Principles to Practice: Operational Tools for Climate Justice in Urban Planning and Design  
**Cristina Visconti**, Architectural Department, University of Naples Federico II

Spatial Disaggregation of Urban Greenhouse Gases (GHG) Emissions: Empirical analysis based  
on an expanded Kaya Identity  
**John Ricardo Escorcia Hernandez**, Interuniversity Dep. of Regional and Urban Studies  
and Planning (DIST), University of Turin

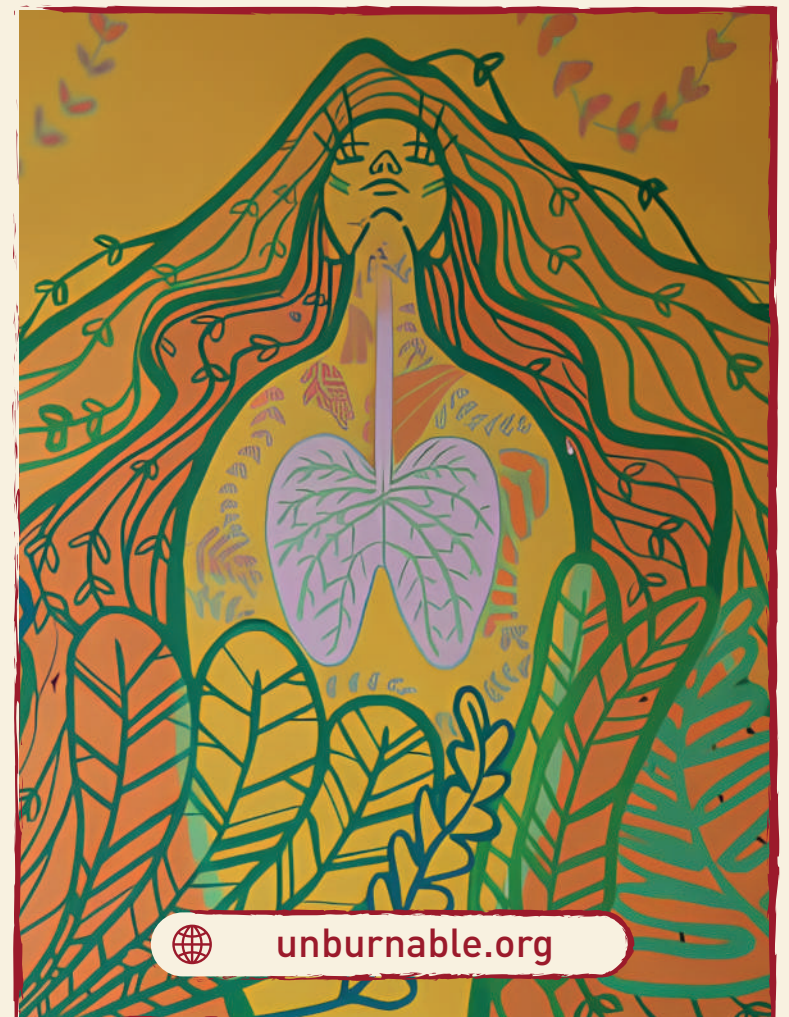
Data from the Margins: intersectional Climate Justice and the role of personal narratives  
**Anna Berti Suman and Paolo Giardullo**, Department of Philosophy, Sociology,  
Education and Applied Psychology, FISSPA, University of Padua

Circumnavigating Efficiency: harnessing GIScience to unveil the hidden emission from the  
deliberate drifting of LNG carriers  
**Thomas Simon Mattia**, Freelance journalist

#### Keynote speaker | 16.30-17.30

#### The fragility of the fossil fuel system: possible pathways and initiatives to a just and equity transition

**Mark Campanale**, Founder and Director of Carbon Tracker Initiative



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### 15<sup>th</sup> December | Critical Remote Sensing: alternative trajectories of Earth Observation for Just Transition

*Conference session inside Oltre la Globalizzazione Traiettorie/Trajectories,  
Società di Studi Geografici (SSG)*

**14.30 - 16.30 (UTC+1) | Webinar**

**Chair: Massimo De Marchi, Edoardo Crescini, Daniele Codato**  
*Jean Monnet Centre of Excellence on Just Fossil Fuel Transitions,  
ICEA Department, University of Padova*

#### Contributions

Mapping the Escalation of War. Citizen Production as a Deconstruction  
of Militarization in Mediterranean Territories  
**Movimento No Base, Italy**

Towards the Atlas of Unburnable Carbon in Brazil: Critical GIS  
for the Just Fossil Fuel Transition  
**Vanja Markovic, ICEA Department, University of Padova**

STOP EACOP: an interactive webGIS to visualize a disaster in the making  
**Aidah Nakku, Rise Up Movement, Uganda**

Critical remote sensing in practice: community drones, engaged  
ethnography, and airspace struggles in Latin America  
**Nicolás Vargas-Ramírez, Centro de Investigaciones Multidisciplinarias  
sobre Chiapas y la Frontera Sur (CIMSUR) de la Universidad Nacional  
Autónoma de México (UNAM)**

Critical remote sensing to track unleakable carbon: using satellite  
imagery to track post-ban gas flaring activities in the Ecuadorian Amazon  
**Alberta Pavone, Advanced Master GIScience and Unmanned Aerial Vehicle,  
ICEA Department, University of Padova**

Community energy (energias comunitaria) in transition from fossil fuels  
**Lyda Fernanda Forero Torres and Nelson Andrés Ravelo Franco, CENSAT Agua Viva, Colombia**

New Insights into Global Oil and Gas Methane Emissions from MethaneSAT's Basin-Scale Observations  
**Mark Omara, Senior Scientist, MethaneSAT Science**

#### Organizing committee

*Massimo De Marchi, Salvatore E. Pappalardo, Francesca Peroni, Daniele Codato,  
Edoardo Crescini, Francesco Facchinelli, Giuseppe Della Fera, Elena Secondo, Daniele Vezzelli,  
Paola Banal, Zsófia Ghira, Abdullah Ahmadi, Andrea Santaterra, Patricio Ignacio Calderon Reyes*

#### Scientific committee

*Massimo De Marchi, Alberto Lanzavecchia, Benewindé Jean-Bosco Zoungrana, Carlos Larrea,  
Anna Lucia Bravo, Eduardo Noboa, Maria Helena Dias Rebelo, Edoardo Crescini,  
Francesco Facchinelli, Francesca Peroni, Lee-Ann Sade Modley, Abdoul Azise Sodore,  
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