



**\*\*\* CALL FOR APPLICATIONS \*\*\***

**CD-LINKS Summer School on Integrated Assessment Models: A Tool for Science-Based Policy Making**

Deadline to apply: **1<sup>st</sup> March, 2019**

In cooperation with: [CD-LINKS](#), [CMCC](#), [IIASA](#), and the support of [EAERE](#)

The [CD-LINKS project](#) is launching a Summer School aimed at providing advanced training for young international scholars on integrated assessment models.

The CD-LINKS Summer School will be organized in cooperation with the **Euro-Mediterranean Center on Climate Change (CMCC)** and the **International Institute for Applied Systems Analysis (IIASA)**, and will take place in Venice, at the Palazzo Artigianelli, from 30<sup>th</sup> June to 6<sup>th</sup> July 2019.

As environmental policy-making becomes increasingly informed by model simulations, it becomes crucial for researchers involved in this science-to-policy dialogue to obtain a basic understanding of how such models work, how they are developed and how to interpret their output.

### Objectives

The objective of the summer school is to create a community of young scholars from a broad range of disciplines, ranging from environmental and natural resource economists to energy engineers, physicists, system analyst and environmental scientists, interested in the topic of modelling human activities and the earth system in an integrated framework, commonly referred to as Integrated Assessment Modelling.

The school will cover the process of modelling the interaction between economic activities and the energy system, land use, forest and agriculture, water, and atmosphere, and whether and how these multi-dimensional implications could be aggregated or traded-off.

### Topics

- History of the integrated assessment modelling of human activities and the earth system
- Past socio-demographic trends and implications for energy: future major trends
- Overview of land use, agriculture and food
- Overview of the modelling of impacts of climate change
- Modelling SDGs: The expansion of IAMs and bringing everything back together
- IAM development and their use: 3 National Experiences

### Structure

Two teaching modules and discussion of students' presentations are scheduled each day, Monday to Friday (the room will be reserved until Saturday, 6<sup>th</sup> July, morning):

- 9:30-11:00 Module 1
- 11:00-11:30 Coffee break
- 11:30-13:00 Module 2
- 13:00-14:00 Light lunch
- 14:00-15:30 Students discussion
- 15:30-16:00 Break
- 16:00-17:30 Students discussion

On Sunday 30<sup>th</sup> June a welcome aperitif will be offered at 17:30. A social dinner will also be organized during the week.



This project has received funding from the **European Union's Horizon 2020 research and innovation programme** under grant agreement No. 642147 (CD-LINKS).





## Faculty

- Dr. John WEYANT  
Professor at Stanford and Director of the Energy Modeling Forum (EMF)
- Dr. Kate CALVIN  
Pacific Northwest National Laboratory's Joint Global Change Research Institute
- Dr. Keywan RIAHI  
Director of the Energy Program of International Institute for Applied Systems Analysis (IIASA)
- Dr. Ritu MATHUR  
Director, Integrated Assessments & Modelling, The Energy and Resources Institute (TERI)
- Dr. Roberto SCHAEFFER  
Federal University of Rio de Janeiro (UFRJ)
- Dr. Volker KREY  
International Institute for Applied Systems Analysis (IIASA)
- Dr. Zoi VRONTISI  
National Technical University of Athens

## Target

Graduate students and professionals from any university, research institute, or other organization (private companies, government agencies, NGOs) with an interest in environmental issues, integrated assessment modelling and an ability to read and write fluently in English.

## Number of students

The maximum number of students is 30.

## How to apply

Applicants are kindly requested to fill in the application form available from [here](#).<sup>1</sup>

## Costs

Accommodation, lunches and coffee breaks are provided without charge to all participants of the school.

Students of developed countries will need to cover all other expenses associated with participating in the school, such as travel, dinners and local transport.

Travel expenses can be offered to applicants from developing countries. Other costs, such as dinners and local transport, will be at the expense of the participant.

## Important dates

Application deadline: **1<sup>st</sup> March 2019**

Announcement of accepted applicants: **1<sup>st</sup> April 2019**

Summer school held: **30<sup>th</sup> June to 6<sup>th</sup> July 2019**

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<sup>1</sup> The information provided in the registration form will remain anonymised and will not include personal information of the original survey participants. The information will only be used for the purposes of reporting key participant statistics to the European Commission. In registering for this event, the user expresses her/his consent to the use of her/his personal details for receiving information about the Summer School, to be included in the participant list and for the collection, processing and distribution of images/video taken during their attendance of the event. The data will be stored securely until the end of the CD-LINKS project (31 August 2019). You may withdraw your consent to the use of the data at any time by emailing [cd-links.summer-school@iiasa.ac.at](mailto:cd-links.summer-school@iiasa.ac.at).



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