

„Reduction of Climate Migration: A Challenge for the Technological Development!“

Prof.ⁱⁿ Dr.ⁱⁿ Angeles López Agüera

23rd March 2020 at 17:15 – 19:00

JKU, Altenbergerstrasse 69, 4040 Linz

UN Sustainable Development Goal 17 encompasses the topics of global political, social and technological developments as well as the fundamental view that sustainability needs international and transnational cooperation. It contains targets of technology: Strengthening North-South cooperation in science as well as technology and innovation.

The global crises of this century - above all the climate crisis and environmental migration - can only be mastered jointly by all governments, the economy and all actors. Science and universities have played a pioneering role here and are trying to anchor the need for global transformation more firmly in inter- and transdisciplinary discourse.

Prof.ⁱⁿ Dr.ⁱⁿ Angeles López Agüera not only knows the challenges of implementation of the 2030 Agenda and the instruments of local governance in detail, but she works at the interfaces between science, the UN and local communities can therefore, on the one hand, relate to the relevance of Goal 17 and, on the other hand, analyze the technological challenges for its implementation particularly well.

The Lecture is the second of a total of three SDG 17 events.

The series "SDG 17: Global Cooperation in Times of Nationalism" is organized by UniNetz / JKU and ÖFSE and will be continued on October 12, 2020 in Vienna.

Registration: Silvia Rosenauer, silvia.rosenauer@jku.at oder +43/0732/2468 7989

By participating in the events, you agree to the publication of photos and film recordings made during the event.



**UniNETZ –
Universitäten und Nachhaltige Entwicklungsziele
Johannes Kepler Universität Linz
ÖFSE**

Programm:

Welcoming address: Prof. Dr. Franz Nuscheler (JKU)

Introduction: Assoz. Univ.-Prof.ⁱⁿ Dr.ⁱⁿ Veronika Wittmann (JKU; UniNetz)

Keynote: Prof.ⁱⁿ Dr.ⁱⁿ Angeles López Agüera

Facilitation: Dr. Michael Obrovsky (ÖFSE)

Speaker:

Angeles López Agüera, Prof.ⁱⁿ Dr.ⁱⁿ, Physicist & United Nations Educational, Scientific and Cultural Organization (UNESCO).

She has been appointed as Senior Assessor of the Committee for Local and Regional Leaders Advice (CLRLA) at UNESCO and has worked as a scientist in the Centre for Nuclear Research (CERN, Geneva, and Suisse) and other prestigious universities.

Doctor in Physics 1986, Full Professor at the University of Santiago de Compostela (Spain), Chairman of the CLRLA- UNESCO for Sustainable Communities Development. Member of the International Panel for Climate Changes, Coordinator of the Sustainable Energy Application Group (SEAG) at the Santiago de Compostela University (Spain).

Dean of the Physics Faculty at USC, Associated Research at CERN (European Centre for Nuclear Research, Geneva), Coordinator of Master on Renewable Energies and Sustainability USC, Associated Professor at the Padova University (Italy).

More than 290 international publications, 32 international financed projects, 12 Doctoral Thesis, 45 graduated-thesis. She is actually leading the Sustainable Energy Application Group (SEAG) at USC a multidisciplinary team formed now by 16 members coming from 8 different nationalities developing work on 3 research lines:

- •Photovoltaic Solar Energy, in particular in the field of characterization of both solar panels and batteries.
- •Development of Adequate Technologies in the field of solar energy. In particular, solar dryer, thermal solar panels, water disinfection systems and others.
- •Design and implementation of Sustainable Community Project (SCP). This line is being developed in the framework of a Mundial UNESCO initiative. The IP of the SEAG group, take the responsibility of the SCP as Chairman on 2015. At this moment, the SEAG leads 43 SCP in Latin America, financed by UNESCO. In the same frame, the group has participated in a European Project financed by the European Social Fund (Symbios Project).