

## UJI Summer Course Program 2022 #4

### Course Title: Human and Local Development, Sustainability and Depopulation

**Academic Director: Dr. Maria José Ruá Aguilar**, Interuniversity Institute of Local Development (IILD, UJI), and Department of mechanical engineering and construction. (rua@uji.es)

- Education: Agricultural Engineer. Technical Architect. PhD in Valuation.
- Position: Professor. Department of Mechanical Engineering and Construction at UJI ([https://www.uji.es/departaments/emc/base/estructura/personal?p\\_departamento=2103&p\\_profesor=210593](https://www.uji.es/departaments/emc/base/estructura/personal?p_departamento=2103&p_profesor=210593)).
- Teaching at: Bachelor's degree in Technical Architecture and Master on Energy Efficiency and Sustainability.
- Research fields: Building and urban sustainability.

#### Some of other featured Lecturers:

##### Dr. Lucía Reig Cerdà

- Education: Materials Engineer. Technical Architect. PhD in Materials Engineering.
- Position: Professor. Department of Mechanical Engineering and Construction at UJI ([https://www.uji.es/departaments/emc/base/estructura/personal?p\\_departamento=2103&p\\_profesor=206164](https://www.uji.es/departaments/emc/base/estructura/personal?p_departamento=2103&p_profesor=206164)).
- Teaching at: Bachelor's degree in Technical Architecture and Master on Energy Efficiency and Sustainability
- Research fields: ceramic materials, cement, alkali activation, microstructure, mechanical properties, sustainability, low CO2 binders.

##### Dr. Patricia Huedo Dordà

- Education: Architect. PhD in Architecture.
- Position: Freelance Architect. Associate Professor. Department of Mechanical Engineering and Construction at UJI ([https://www.uji.es/departaments/emc/base/estructura/personal?p\\_departamento=2103&p\\_profesor=104137#](https://www.uji.es/departaments/emc/base/estructura/personal?p_departamento=2103&p_profesor=104137#)).
- Teaching at: Bachelor's degree in Technical Architecture and Master on Energy Efficiency and Sustainability
- Research fields: Building and urban sustainability.

##### Dr. Teresa Gallego Navarro

- Education: Building Engineer.
- Position: Professor. Department of Mechanical Engineering and Construction at UJI ([https://www.uji.es/departaments/com/base/estructura/personal?p\\_profesor=176955](https://www.uji.es/departaments/com/base/estructura/personal?p_profesor=176955)).
- Teaching at: Bachelor's degree in Technical Architecture and Master on Occupational Risks Prevention.
- Research fields: Building and technology.

**Dr. M<sup>a</sup> Raquel Agost Felip**

- Education: Psychology. PhD in Psychology.
- Position: Associate Professor. Department of Developmental, Educational and Social Psychology and Methodology at UJI. ([https://www.uji.es/departaments/com/base/estructura/personal?p\\_departamento=96&p\\_profesor=62029#perfilPersonal](https://www.uji.es/departaments/com/base/estructura/personal?p_departamento=96&p_profesor=62029#perfilPersonal) )
- Teaching at: Bachelor's degree in Psychology and Master on Development Cooperation.
- Research fields: Social Vulnerability, Community Psychology, Social Services.

**Dr. Vicente Budí Orduña**

- Education: Economist. MA and PhD in Economics.
- Position: Associate Professor. Department of Economics at UJI ([https://www.uji.es/departaments/com/base/estructura/personal?p\\_departamento=93&p\\_profesor=56321](https://www.uji.es/departaments/com/base/estructura/personal?p_departamento=93&p_profesor=56321))
- Teaching at: Bachelor's degree in Economic and degree in Public Administration
- Research fields: Local development, depopulation and employment policies

**Course Supported by:**

- **Interuniversity Institute of Local Development (IIDL-UJI)**
- Avant Interuniversity Chair (Valencia Anti-Depopulation Agenda)
- Chair in Circular Economy applied to Architecture ([www.arquitecturacircular.es](http://www.arquitecturacircular.es))
- Chair in Transformation of the Economic Model
- Social Services Laboratory

**Objectives of the course:**

To learn about the political and social response to face the problems derived from depopulation, ageing and low productive areas, in medium-sized cities and rural territories in Spain.

**Specifically:**

- To identify characteristics and indicators to analyze friendly urban environments in rural areas especially for the life of the elderly people.
- To reflect on the 2030 Agenda and learn about good practices of territorial alliances for development and innovation in the territory.

- To understand the processes to act on depopulation and reinforce social cohesion in rural areas.
- To learn the characteristics of local development in rural areas from the perspective of a sustainable economy.

**Target Students:** Bachelor or master students in social science, architecture, engineering, or territorial planning.

**Course Duration:** 60 hours (4 hours per day/ 5 days a week, including study visits)

**Class Modules:**

Module 1. Friendly Environment in rural areas: Urban Sustainability

Module 2. Agenda 2030 Territory Alliances in rural areas: Development Opportunities

Module 3. Depopulation in rural areas: Social Sustainability

Module 4. Local Development in rural areas: Economic Sustainability

**Study Visits:**

- #1 Natural reserves in the Espadà Mountains: We will visit a rural village located in the Espadà Mountains. The selected village has been analyzed as a case study in the framework of a Research Project dealing with the contribution of the urban environment in the mitigation of depopulation. The built and urban features together with the surrounding environment visited will be useful to understand about the interaction between the natural and the built landscape and how the site influences on depopulation.
- #2 Innovation, cares and development: Science, Technology and Business Park of UJI (espaitec): We will visit the technological and scientific park, and the companies that develop products aimed at caring for people, as well as business support associations.
- #3 Social services experience in elderly people: Mancomunitat Els Ports (Vilafranca, Morella): We will learn the situation of the elderly in the rural interior of the province of Castellón. We will visit the programs they develop and learn to what extent active aging is contributed within the framework of the SDGs.
- #4 Social innovation proposal: La Niuada (Benlloch. Castellón) TheLa Niuada center offers advisory services in the creation of social enterprises, the teaching of workshops in social economy and sustainable entrepreneurship and the opening of a coworking workspace located at the Benlloch headquarters. Under the identity of La Niuada, the center aims to revitalize the region to encourage the creation of companies with triple value: social, environmental, and financial.

### Methodology (theory & practice):

The classes will combine the presentation and description of the process of the political and social responses to problems derived from depopulation, aging and productive areas in medium-sized cities and rural territories and its consequences with examples and case studies for the students to discuss and reflect upon. The class material includes documents and materials available from the 2030 Agenda and Sustainable Development Goals, and regional and local institutions, such as videos, reports, etc.

### Course Schedule:

<b>Module 1. Friendly Environment in rural areas: Urban Sustainability</b> <b>Module 2. Agenda 2030 Territory Alliances in rural areas: Development Opportunities</b> <b>Week 1</b>		
5th Sept. (9:00-13:30 h)	Presentation of the course The SDG context. The ODS11 The depopulation in small rural villages	María José Ruá
6th Sept. (9:00-13:30 h)	The sustainability of the built environment. Case studies	María José Ruá, Lucía Reig and Patricia Huedo
7th Sept. (9:00-13:30 h)	Study Visit Natural reserves in the Serra Espadà mountains	María José Ruá and Teresa Gallego
8th Sept. (9:00-13:30 h)	2030 Agenda and good practices of territorial partnerships	NGO expert
9th Sept. (9:00-13:30 h)	Study Visit #2 Innovation, cares and development: Science, Technology and Business Park of UJI (Espaitec)	M <sup>a</sup> Raquel Agost and Chairman of Espaitec, UJI

<b>Module 3. Depopulation in rural areas: Social Sustainability</b> <b>Week 2</b>		
12th Sept (9:00-13:30 h)	Depopulation. Analysis in Valencian Community	Vicente Budí Orduña
13th Sept (9:00-13:30 h)	Drivers of population growth	Luisa Alama Sabater
14th Sept (9:00-13:30 h)	Agricultural sector	Expert in agricultural studies
15th Sept (9:00-13:30 h)	People care services	M <sup>a</sup> Raquel Agost
16th Sept (9:00-13:30 h)	Study Visit #3 Social services experience in elderly people	Vicente Budí Orduña and M <sup>a</sup> Raquel Agost

<b>Module 4. Local development in rural areas: economic sustainability</b> <b>Week 3</b>		
19th Sept (9:00-13:30 h)	Local development instruments	Luisa Alama Sabater
20th Sept (9:00-13:30 h)	Employment policies	Vicente Budí Orduña

21th Sept (9:00-13:30 h)	Financial services	Emili Tortosa-Ausina
22th Sept (9:00-13:30 h)	Public policies and territorial effects	Lecturer
23th Sept (9:00-13:30 h)	Study visit #4 Social innovation proposal: La Niuada (Benlloch. Castellón)	

**Evaluation Method:** A short exam at the end of the course.