

ERASMUS CARE PROJECT - NEWSLETTER 3

Dear Sir/Madam:

I am pleased to send you the third newsletter of the **CARE Project: Empowering Climate Resilience**. Please feel free to forward it to other individuals, organizations and/or institutions that you consider could have an interest in the project.

The project, funded by the ERASMUS+ Program of the European Union, aims to develop innovative educational experiences to enhance the knowledge of urban resilience potential to fight against climate change effects. More information is available on the project website <http://www.erasmus-care.eu>

Thank you for your attention and best regards,

News 1: Intensive Course for Students in Medellín, Colombia

As we had announced in the previous Newsletter, the Intensive Course for Students of the CARE Project was held in Medellín (Colombia) between March 5th and 14th, 2018. Approximately 150 people, among students and professors of the 16 project partners, attended this Course. The 4 objectives of this event were: (i) to give an introduction to the conceptual maps methodology to the students; (ii) to apply with them the mapping strategies that were developed with the professors in the Quito and Quevedo workshops (iii) to show how the cities have been resilient to Climate Change from different perspectives -urban, social, cultural, governmental; and (iv) to make a follow-up of the management tasks related to the work packages of the project.

During the introductory sessions on conceptual maps, students were emphasized that the development of a CMap begins with a linkage between concepts with the purpose of showing their interrelation, in addition to allowing the generation of new knowledge from previous knowledge. After this introduction, 4 working groups were formed, in which both Latinamerican and European teachers tutored the students with the concept mapping methodology through exercises. These groups worked during the mornings.

In the afternoons, plenary sessions were held where professors and external guests presented projects related to their work areas and framed in the thematic areas of the project. The students and professors assumed a deliberative, participative and constructive attitude and made significant contributions to the experiences reported by the speakers. Some of the topics discussed were: risk management in the Aburrá Valley, sustainable rural energy, water management and scarcity, methodologies for prioritization measures to adapt to Climate Change, and watershed management.



News 2: Panel about Climate Change in the Amazon Context in UFPA

The Postgraduate Program in Architecture and Urbanism of the Universidade Federal do Pará UFPA held a panel entitled "Climate Change in the Amazon Context: Challenges and Opportunities" on May 28, 2018, with the aim of gathering students, professors, researchers from the UFPA and other institutions around topics related to the impacts of Climate Change, in order to address the vulnerabilities of Amazonian populations to climate change, as well as to producing materials for UFPA's Open Training Module, which will be available on the e-learning platform of the CARE project. 170 people signed up to attend this panel: 119 undergraduates, 26 post-grad students and 25 researchers/professionals.

In the Amazonian context, the intensification of rains and droughts causes a great impact for the inhabitants of the cities, especially due to the intensification of the floods. According to the coordinator of the PPGAU and the CARE Project at UFPA, professor Ana Cláudia Cardoso, aspects such as deforestation and land use change and uncontrolled urban expansion must be discussed since they have a direct influence on the ability to adapt to extreme events, that occur more and more frequently.

The products of this panel will be used to develop the Brazilian module of the CARE project, with publications, videos, and other materials. This and all modules will be available on the Internet as of October 2018 and will remain online for two years.

Link to the original news: <https://www.portal.ufpa.br/index.php/ultimas-noticias2/8413-projeto-empowering-climate-resilience-e-ppgau-realizam-evento-sobre-mudancas-climaticas-na-amazonia>



News 3: Climate Resilience gets more attention in the media

Climate resilience is a topic that is gaining more relevance in areas beyond academia, such as government's programs, debates, and forums. Thus, this concept is appearing more often in news, reports and official documents. In this issue, we mention a few press article in which climate resilience is the main topic.

Southeast Asia is a leading region in the formulation of tools related to climate resilience. The Asia-Pacific Network for Global Change Research (APNG) reports that it developed and has been testing a pilot tool to facilitate the adaptation to climate change in topics such as environment, infrastructure, communities and risk management. The pilot tests have been taking place in Cambodia and Vietnam. Simultaneously, the International Council for Local Environmental Initiatives (ICLEI), in their Southeast Asia and Oceania Regionals, has been working along with the Asian Cities Climate Change Resilience Network (ACCCRN), developing a toolkit that supports communities in the development of resilient strategies. Such kit is based on information, models, knowledge from previous experiences and best practices found in pilot tests performed 10 years ago in 10 Asian countries. The kit is being tested in three Indian cities.

In the Latin-American context, the Misiones Online paper reported that the Brazilian city of Foz de Iguaçu was the first from the Triple Frontier (Argentina, Brazil, and Paraguay) to adhere to the Developing Resilient Cities Campaign, after diagnosing the critical actors in each city of the border, as well as problems and vulnerabilities derived from climate events.



News 4: Local activities using the CMap methodology

Before the workshop in Medellín, all Latin American partners carried out local educational activities concerning both climate resilience and the use of concept mapping as a learning tool.

More than 200 students have been involved in such activities, which included: the presentation of the CARE project; activities within existing university courses, but also targeted seminars and workshops, aimed at identifying correlations between each course's theme and resilience to climate change; familiarisation with the use of concept maps; presentations by selected students about the correlation between their fields of study and climate change; specific preparatory activities targeted at those students already selected for the Medellín workshop.

After the workshop in Medellín, some of the partners keep carrying out local activities related to the CARE project, such as further concept mapping exercises, and specific seminars and open discussions related to climate change. Some of the students are also planning to include climate change issues in their personal investigations.

News 5: Recent activities in Uruguay

The partners from Universidad de la República participated in the kickoff of the National Adaptation Plan of Cities to Climate Change, held on May 2018. They have begun contacting the national authorities in charge of such plan since it shares objectives and methodologies with CARE Project, especially capacity building through training of local human resources. They will start exchanging information and collaborating directly, taking advantage of the knowledge and experience attained with the CARE Project.



Presentation of the the National Adaptation Plan of Cities to Climate Change. 24/5/18

Source: www.presidencia.gub.uy/comunicacion/comunicacionnoticias/mvotma-eneida-de-leon-lanzamiento-plan-nacional-respuesta-cambio-clmatico

Regarding teaching and research activities, the work done by the group who attended the Medellín's Intensive Course has boosted a bachelor's thesis in Environmental Management about the impact of Climate Change over the Maldonado-San Carlos – Punta del Este central agglomeration. This thesis will be submitted by mid-2019.

News 6: POLIMI presents CMap at the 3rd Conference of Resilience Projects Italian Observatory

Last May, the group of Politecnico di Milano presented the CARE Project in the 3rd Conference of Resilience Projects Observatory (http://www.osservatorioresilienza.it/?set_language=en), a project shared by the CARE group of Politecnico di Milano with the CARE Associated Partner REsilienceLAB and other research institutes

The Observatory is the first national experience dedicated to the analysis of the relevance and complexity of the concept of resilience and to the monitoring of its implementation, through the census and representation of the most significant Italian initiatives and practices that promote the resilience of territories. The Observatory supports the territorial institutions and communities, through a capacity building process, in a process of transition towards a stronger, more aware and resilient society.

The 3rd Conference has consolidated and enhanced the knowledge and solutions sharing process among all the observed actors working on promotion and implementation of resilience practices, focusing on processes and methods of co-production of knowledge and solutions for resilience.

The CARE group of Politecnico has given his contribution to the focus of the Conference, offering a reflection on how Concept Maps can be a useful tool for the representation of knowledge held by different subjects involved in resilience process, for the comparison between different ideas and positions, for the construction of a shared vision on problems and its solutions.



FORUM PRATICHE DI RESILIENZA 2018



Il progetto

Il partenariato
 Il partenariato di Architettura e Studi Urbani (ASU) del Politecnico di Milano è uno dei più grandi del progetto europeo Erasmus+ CARE - Empowering Climate Resilience.

Multiplici approcci, dimensioni, competenze
 Il progetto si propone di affrontare le sfide climatiche attraverso la sinergia delle competenze e delle risorse di un ampio network internazionale di ricercatori, progettisti, ingegneri e architetti. Il progetto si avvale di esperti educativi innovativi, del partenariato ASU, e di esperti in materia di resilienza urbana, di resilienza e di resilienza, che si occupano di costruire la resilienza.

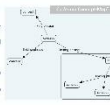
Una tema, una sfida
 Concentrandosi sulla resilienza urbana, il progetto affronta uno dei temi più urgenti del nostro tempo: e infatti, nel mondo, oltre al quarto grado di sviluppo, ci sono ancora 1,2 miliardi di persone che vivono in condizioni di povertà, e 1,2 miliardi di persone che vivono in condizioni di povertà, e 1,2 miliardi di persone che vivono in condizioni di povertà.



La Concept-Map

Una strumento di rappresentazione plurale per la resilienza del territorio.
 Il progetto prevede di utilizzare la Concept-Map come strumento di lavoro, e di costruire una rappresentazione della resilienza del territorio.

Cosa sono
 La Concept-Map è uno strumento grafico che ha lo scopo di organizzare le informazioni in modo da facilitare la comprensione e la comunicazione di un dato o di un concetto.

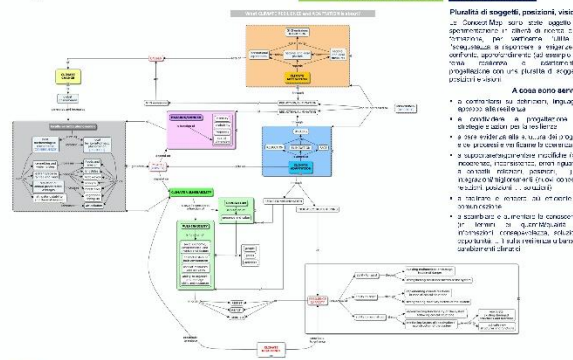


Resilienza e adattamento

Le sperimentazioni

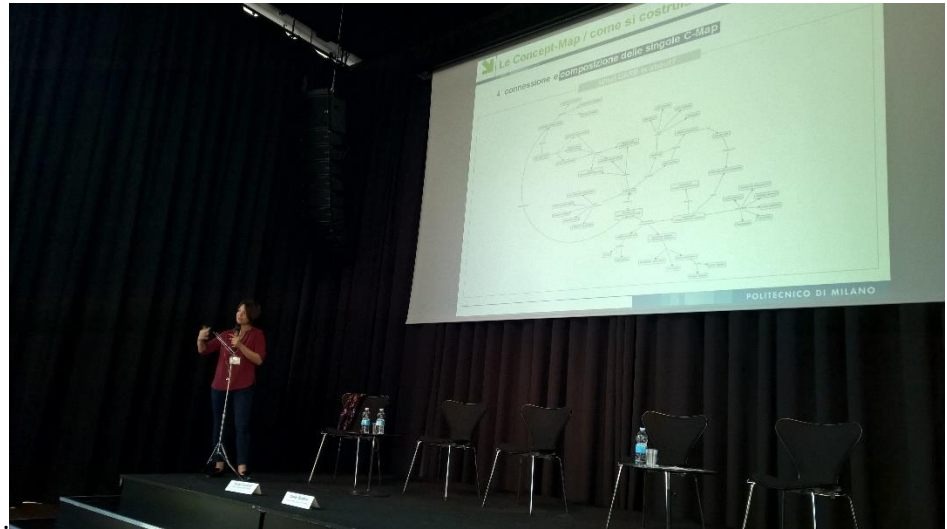
Finalità di soggetti, partner, stakeholder.
 La Concept-Map sarà uno strumento di lavoro, e di costruire una rappresentazione della resilienza del territorio.

- a costruire un database, integrato con i dati del territorio;
- a costruire la struttura di base del progetto, e di costruire la struttura di base del progetto;
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Erasmus+ Empowering Climate Resilience - CARE
 Progetto ERASMUS+ - Capacity Building projects in the field of climate action - CARE - 101017881 - 15.10.2015 - 14.10.2018
 Responsabile coordinatore: Daniela Magnoli, Politecnico di Milano
 Laboratorio di Ricerca, COPIRELab - Politecnico di Milano, Dipartimento di Architettura, Università Politecnica di Milano

FORUM PRATICHE DI RESILIENZA 2018
 Politecnico di Milano, Dipartimento di Architettura e Studi Urbani (ASU)
 Progetto Erasmus+ EMPOWERING CLIMATE RESILIENCE



News 7: Dissemination activities in Sao Paulo

The Brazilian CARE team from Universidade Federal do ABC (UFABC) carried out a dissemination action after the Intensive Course in Medellín. The UFABC team participated in one of the classes of the Lato Sensu postgraduate course: Specialization in Public Management with Local Government Emphasis promoted by ENAP - National School of Public Administration (a school of government, Federal Executive, which provides training and improvement in Public Administration to federal public servants in Brazil) and IBAM - Brazilian Institute of Municipal Administration. IBAM is a non-profit civil association created on October 1, 1952, with its headquarters in Rio de Janeiro, Its foundation was supported by municipal associations and movements related to Brazilian municipalities. On May 24, 2018, Professor Katia Canil gave a lecture on the experience of the application of geotechnical maps in the metropolitan region of São Paulo and related this instrument to federal prevention policy disaster management and risk management. This participation is the result of the partnership that is being established between UFABC and IBAM. IBAM will make available the OTMs to the associated municipalities on its website and will also use the platform's teaching materials in its courses and training.