

Co-funded by the Erasmus+ Programme of the European Union



ClimEd Trainings

11/12/2021

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Results of the 3rd ClimEd Training - Certificates

C01	ORDINARY
C02	GOLD
C03	PLATINUM
C04	PLATINUM
C05	ORDINARY
C06	GOLD
C07	ORDINARY
C08	NO CERTIFICATE
C09	PLATINUM
C10	ORDINARY
C11	GOLD

C12 PLATINUM





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ClimEd





ClimEd Trainings (7 in Total)

5.1. Implementing competence-based approach to curriculum development in the Earth Sciences & introducing Competency Framework for Provision of Climate Services (CF-PCS).
 Online Competence-Based Approach to Curriculum Development for Climate Education

 (19 April – 12 May 2021)

5.2. Adapting CF-PCS to conditions of Ukraine, developing climate change adaptation and mitigation strategies for various economic and other sectors.

Online Adaptation of the Competency Framework for Climate Services to conditions of Ukraine (29 June – 26 August 2021)

5.3. Developing competences to use climate data processing tools/ software.

Online Digital tools and datasets for climate change education (26 October – 12 November 2021)

5.4. Developing learning courses in climate services considering needs of different users.
 Spring 2022 - host: Universitat Rovira i Virgili, Spain

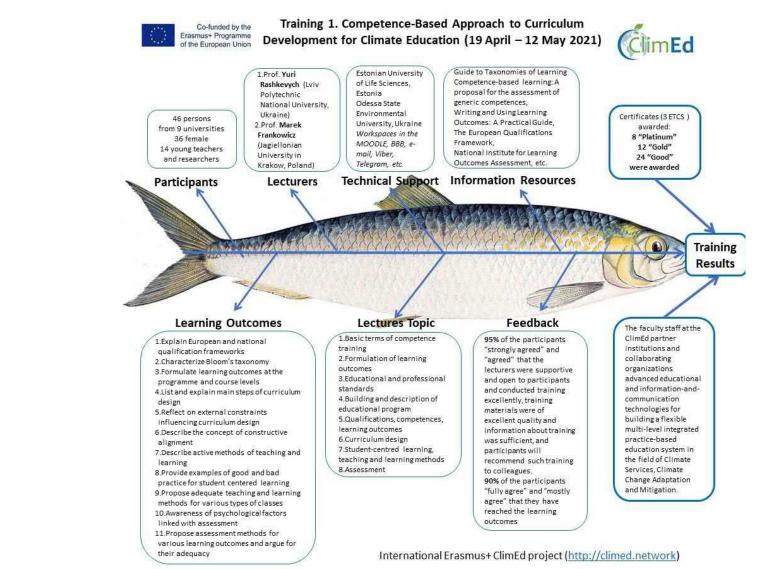
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ClimEd Trainings ...



ClimEd Training 1 (Estonia)





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ClimEd Training 2 (Ukraine) Adaptation of the Competency Framework for Climate Services to conditions of Ukraine



(29 June – 26 August 2021) 56 persons Profs. from the Universitat Rovira i Virgili, Tarragona, Spain: from 6 universities Enric Aguilar, Manola Brunet, Gisella Cebrian, and Jon Olano; Sectoral Qualifications Frameworks, WMO Competency Framework • 46 female Odessa State Environmental University, Ukraine Jagiellonian University in Krakow, Poland: Marek Frankowicz; for the Provision of Climate Services, WMO-1114 Bloom's 10 young teachers Workspaces in the Moodle system, Zoom-hosting, e-Lviv Polytechnic National University, Ukraine: Yurii Rashkevych; taxonomy, WMO Strategic Plan 2020-2030, WCAS: World Climate and researchers evaluations, e-mail, Viber, Telegram, etc. National Agency for Higher Education Quality Assurance in Applications & Services; WASP: World Adaptation Science Program, Ukraine: Oleh Tiapkin; Mesoscale Convective Systems in Southeastern South America, **Participants** National Agency for Qualifications in Ukraine: Inna Osadchuk WMO/Eumetcal Online Course for Trainers of RA-VI, Refresher **Technical Support** Course for Aeronautical, Meteorological Forecasters at RHMSS, Practical Meteorological Course, etc. ClimEd training Lecturers certificates Information Resources = 4 ECTS: 10 "Platinum" 32 "Gold" 14 "Good" Training Results The participants of the training have obtained new/ upgraded (virtual learning environment, Feedback pedagogical, team work, presentation, etc.) skills; further own Learning Outcomes 100% - overall rating as **Lectures** Topics work/developments are "verv good" and basic principles of the development and scope of competencies and gualifications frameworks needed in improving teaching "good"; competence-based education principles and practices and learning methods, 92% - "strongly agree" Qualification framework. Methodological and organizational approaches of its knows the education for sustainable development core components, processes and practices formulation of learning and "agree" that development that promote competencies' development outcomes, assessment, training was relevant Establishing the WMO Competence Framework for Climate Services reference learning outcomes to National gualification framework levels individualized approaches, and helpful for their The WMO Reform: facing and responding to new scientific and technological challenges define an appropriate competences from competence framework for implementation into a etc.; and subject areas of iobs: practically Present state of implementation of competence-based approach – best practices curricula importance are remained as 100% - satisfied with applied in Ukraine identify teaching and learning methods that promote competencies' development climate vs. healthcare, energy training content & The relationship between competence framework and gualifications framework. . identify appropriate assessment tools for competencies' development sector, water management, lecturers were Practices of transformation national, sectoral & other frameworks in different countries select and differentiate between different typologies of assessment tools for measuring urban problems, construction supportive and open to Competencies framework vs. existing and foreseen programs competencies' development sector, agriculture, economical participants, time Education for Sustainable Development: teaching and learning practices and processes link WMO competencies for climate services to university-level training experiences factors, and general investment for such a Functional analysis. identifies WMO competencies framework and its potential usage issues. was OK for about 81%, Competence profiles. Competences and learning outcomes explains the different stages involved in the creation of a competencies framework training materials were Sustainability competencies' frameworks: emerging teaching and research analyses the contour conditions for defining and implementing a competencies framework of excellent quality developments knows the different stages involved in climate services production International Erasmus+ ClimEd project (http://climed.network) The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only 11/12/2021 of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein

ClimEd Training 3 (Finland)



Digital Tools and Datasets for Climate Change Education

ClimEd 3rd Training (online)

26 October – 12 November 2021



ANNOUNCEMENT

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Erasmus* ClimEd Project

Wultilevel Local, Nation- and Reglonwide Education and Training in Climate Services,

Climate Change Adaptation and Mitigation

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& the favorite Finnish fish is in preparation

3rd ClimEd Online Training on "Digital Tools and Datasets for Climate Change Education"

Hosts: University of Helsinki (UHEL, Helsinki, Finland) & Odessa State Environmental University (OSENU, Odessa, Ukraine)

	LECTURING			HOME-WORK-ASSIGNMENTS (HWAs)				
	Day 1 Day 2		Day 3	Remote work in Groups (C1-C12) during 2 weeks				Final day
	Tuesday 26 Oct	Wednesday 27 Oct	Thursday 28 Oct	from 28 th October	Tuesday 2 Nov	Wednesday 9 Nov	until 11 th November	Friday 12 November
09:45 - 10:00	Welcome words							Welcome words
10:00 - 10:45	L1. Regional focus of IPCC Assessment Report in Ukraine Context (Svitlana Krakovska, UHMI) CONFIRMED	L5. Remote sensing/Satellite observations: current state, perspectives, databases, and applicability of results (Larisa Sogacheva, FMI) CONFIRMED	L9. Climate related datasets, Copernicus related data (Antti Mäkelä, FMI) to be discussed/ confirmed	2 weeks of work in Groups on HWAs	2 weeks of work in Groups on HWAs	2 weeks of work in Groups on HWAs	2 weeks of work in Groups on HWAs	Presentations and Defences of HWAs by Groups C1, C2, C3
10:45 - 11:00	Coffee/ Tea Br.	Coffee/ Tea Br.	Coffee/ Tea Br.					Coffee/ Tea Br.
11:00 - 11:45	L2. UHMI activities in support climate related research: current status and perspectives (Svitlana Krakovska, UHMI) CONFIRMED	L6. Global scale climate modelling: current state, perspectives, databases, and applicability of results (Risto Makkonen/ Putian Zhou, FMI/UHEL) CONFIRMED	L10. Tools for visualization and analysis of climate related data (Antti Mäkelä, FMI) to be discussed/ confirmed	2 weeks of work in Groups on HWAs	2 weeks of work in Groups on HWAs	2 weeks of work in Groups on HWAs	.2 weeks of work in Groups on HWAs	Presentations and Defences of HWAs by Groups C4, C5, C6
11:45 - 12:00	Coffee/ Tea Br.	Coffee/ Tea Br.	Coffee/ Tea Br.					Coffee/ Tea Br.
12:00 – 12:45	L3. WMO integrated climate services: current status and perspectives (Wilfran Moufouma Okia, WMO) CONFIRMED	L7. Regional scale climate modelling: current state, perspectives, data/databases, and applicability of results (Jens Hessenberg - UCPH/ Ole Christensen - DMI/ Thomas Halenka / Filippo Georgi/ Erica Coppola) to be confirmed (on Tue)	L12. Introductions to personal exercises (Alexander Mahura, UHEL-INAR; & Larisa Sogacheva, FMI & Svitlana Krakovska, UHMI & Inna Khomenko, OSENU) CONFIRMED	2 weeks of work in Groups on HWAs	2 weeks of work in Groups on HWAs	2 weeks of work in Groups on HWAs	2 weeks of work in Groups on HWAs	Presentations and Defences of HWAs by Groups C7, C8, C9
12:45 - 13:00	Coffee/ Tea Br.	Coffee/ Tea Br.	Coffee/ Tea Br.					Coffee/ Tea Br.
13:00 - 13:45	L4. Observations for climatic variables: obs. system, specifics, challenges (Antti Mäkelä, FMI) to be discussed/ confirmed	L8. Urban scale modelling for climate applications (Olga Shevchenko, TShNUK) CONFIRMED	L12. Introductions to Group projects/ HWAs (Alexander Mahura, UHEL-INAR; & Larisa Sogacheva, FMI & Svitlana Krakovska, UHMI & Inna Khomenko, OSENU) CONFIRMED	2 weeks of work in Groups on HWAs	TBD Questions to Teachers of Groups' Projects	TBD Questions to Teachers of Groups' Projects	. 2 weeks of work in Groups on HWAs	Presentations and Defences of HWAs by Groups C10, C11, C12
					Alexander Mahura, Svitlana Krakovska, Larisa Sogacheva, Inna Khomenko	Alexander Mahura, Svitlana Krakovska, Larisa Sogacheva, Inna Khomenko		14:00-14:30 - Awarding Diplomas/ Certificates & Official closure of the Training

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Welcome to the 4th ClimEd Training in Spain

Spring 2022 Sta English limEd host: Universitat Rovira i Virgili, Spain CONTACT US SEARCH **Developing learning courses** in climate services Tarragona considering needs of different users

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