



NEWSLETTER 1/2022

MSc Urban Climate and Sustainability

The MSc Urban Climate and Sustainability will produce high calibre graduates equipped with skills and knowledge to assess and manage climate change in the urban environment in a sustainable manner.

Coordinator:

- Glasgow Caledonian University (UK)

Partners:

- LAB University of Applied Sciences (FI)
- University of Huelva (ES)
- Dresden University of Applied Sciences (DE)

Erasmus Mundus Joint Master Degrees (EMJMDs)

https://eacea.ec.europa.eu/erasmus-plus/library/emjmd-catalogue_en

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What has happened until now

MUrCS cohort 02 Thesis Completion

MUrCS cohort 02 students attended their master thesis project presentations and viva voce exam at Glasgow Caledonian University from 16th to 17th of September 2021. It was the first in-person thesis presentation held by MUrCS, and all the sessions were carried out by short presentations by the students and follow-up questions from the supervisors. The students attended thesis completion dinner with the faculty members and staff on the 17th of December in Glasgow.

The graduation ceremony took place on the GCU campus with immense festivity on November 23rd. Some of the MUrCS cohort 02 students attended the graduation ceremony with program coordinator Professor Emmanuel Rohinton and their supervisors in GCU. The event was published online in different social media platforms of GCU.



Figure 1. MUrCS Cohort 02 thesis presentation sessions (left) (Photo: Milagros Saloma), Thesis completion dinner and graduation ceremony held in Glasgow (right)

MUrCS Proceedings 2021

Publication combining summary of 15 thesis works is published online from the program in December 2021. The articles focused on crucial aspects such as Climate change adaptation in different urban contexts, Urban Heat Island (UHI) in connection with urban overheating mitigation, Mobility emissions, Environmental education, and Analysis of heatwaves. The publication can be accessed online through this link: <https://urn.fi/URN:ISBN:978-951-827-400-4>.



MUrcS cohort 3 students in Finland

MUrcS cohort 03 students have completed their semester in Lahti by the end of December. The students visited cities like Helsinki around the city center, the University of Helsinki, and new development, Arabianranta and Kalasatama in August. Later their excursion in October included a visit to Hauho, a small municipality with housing structures similar to the ones found during the world war, and then a tour of the city of Tampere to learn more about Scandinavian urban planning. They also participated in an excursion to visit Kujala waste center and Lahti's stormwater management solutions. Some of the students had internship opportunities at the City of Lahti to gain more insights into urban planning considerations by the city.

The cohort 03 students worked in groups for Urban Interactive Planning course' workshop mentored by Prof. em. Dipl.-Ing. Cornelius Scherzer from HTW Dresden as a visiting faculty. Upon completing their second semester in Lahti by the end of December, the students have moved to Spain to pursue their third semester starting on January 2022.



Figure 2: Students' excursion at Lahti stormwater management site (left) , Students' workshop with Prof. Cornelius (right)

MUrcS cohort 4 (Cohort 01 of MUrcS 1.5) students in Glasgow

Cohort 4 students have completed their in-person course sessions in Glasgow and participated in multiple activities such as an excursion to Catterline Bay on November 25th 2021. To view the activities: [Link to Video](#). The students also went on a walking tour to visit significant places in Glasgow on November 30th. The students had the Christmas dinner at the University on December 1st. The students are going to Lahti to pursue their second semester in Finland starting in January 2022.



Fig 03_ Students attending Sustainable cities course in GCU (leftmost), Excursion to Catterline Bay (middle), Christmas dinner with students and faculty members at GCU (rightmost)



Special Events

Cohort 02 students project publication in BEAM Research Centre, GCU

Compilation of four student's works, **Oksana Ananyeva**, **Rabeya Begum**, **Nichamon Rattanakijanan** and **Aira Valdez**, from the cohort 2 was published online by the Beam Research Centre of GCU. The article titled "CLIMATE PROOFING GLASGOW Adaptation Strategies for Urban Overheating" combines key findings from their thesis works focusing on topics such as *green infrastructure cooling strategies for urban heat island mitigation, urban climate mapping, novel green network for climate change adaptation and urban morphology and streetscaping as an approach to mitigate urban heat island*. The summary article can be accessed online through this link: https://www.gcu.ac.uk/assetmanagement/media/gcalwebv2/beamresearchcentre/BEAM_Climate_Proofing_Glasgow.pdf

Cohort 02 Thesis Presentation in EcoCityForum 2021, Lahti Event

Shammi Akter Keya's thesis work titled "[Rethinking Education : A framework for contextualizing environmental education practice & urban green management in cities](#)" was selected for presentation in the **EcoCity Forum 2021, Lahti event**, held in the **Sibeliustalo hall** amongst many important individuals and stakeholders from the Lahti City.

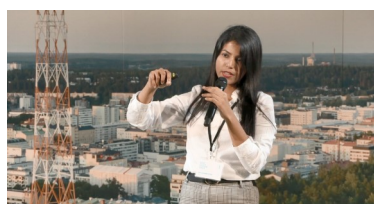


Fig 04_ Shammi's thesis presentation at EcoCity Forum 2021, Lahti event

MURCS Cohort 03 (MURCS) and 04 (MURCS 1.5) students in COP26, 2021

MURCS students from cohort 03 and cohort 04 were invited to participate as delegates in various activities of COP26, 2021. **Josué Arrieta Solís** from cohort 03 attended COP26 as representative of the Costa Rican NGO named [La Ruta del Clima](#). From cohort 04, **Sruti Modekurty** attended the Blue Zone as part of Carnegie Mellon University's delegation (her undergrad university), **Muhammad Tariq** also participated in the blue zone in United Nations pavilion for climate change. **Dechen Pema Yangki** attended COP26 in the general events and the main event.

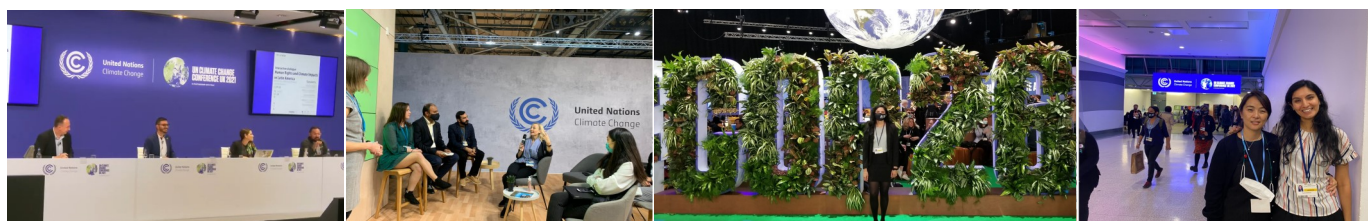


Fig 05. Josué Arrieta Solís (Cohort 03), Muhammad Tariq, Sruti Modekurty and Dechen Pema Yangki (Cohort 04) as participants of COP26 (respectively from left to right)

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