

# INTERDISCIPLINARY TRAINING SCHOOL

📍 Online

📅 15<sup>th</sup> March – 18<sup>th</sup> March 2021

## Planning Nature-based Solutions in Cities

The ReNature 2<sup>nd</sup> Interdisciplinary Training School aims to provide participants with an understanding of opportunities to mainstream nature-based solutions in urban planning, and how the design of nature-based solutions can provide co-benefits to biodiversity and ecosystem service flows, leading to an improvement in human well-being. Therefore, the training school will include lectures by experts working in different sectors, including ecology, social-environmental justice, nature-based solutions design, landscape architecture, urban planning and practitioners' perspectives.

The training school will include problem-based sessions that aim to stimulate professional development and further networking between participants during the course and also in the aftermaths.

Through a problem-based learning approach, students will be asked to work in multi-disciplinary groups, identify context-adapted nature-based solutions, assess ecosystem services and the arising benefits of nature-based solutions implementation, and then present these to practitioners and policy-makers.

The participants will work on 3 real case-studies that have recently undergone public consultation in Malta, and which provide an opportunity to implement nature-based solutions that address key societal challenges, including air and noise pollution, stormwater management, and access to nature and opportunities for recreation and nature-based tourism.



ReNature



The ReNature project receives funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 809988.

Organised by the ReNature Horizon 2020 project.



## THE CASE-STUDIES WILL FOCUS ON:

- \* the planning and design of open spaces, and commercial and industrial areas in the Ta' Qali recreational park,
- \* the redevelopment of a redundant tourist complex for tourism and accommodation purposes at Għajn Tuffieħa, and
- \* revisions to the local plans to revise land uses, building heights, promote sustainable stormwater management and transportation, provide walking routes whilst upgrading the Marsa Sports Complex, which forms part of Malta's main urban agglomeration.

## LANGUAGE

- \* English

## CONTACT HOURS

- \* 12 hours

## SELF-STUDY HOURS

- \* 12 hours

## APPLICATION FORM

Participation is free of charge but limited places are available. Please submit your application here:

<https://tinyurl.com/ReNatureTrainingSchool>

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🌐 [www.renature-project.eu](http://www.renature-project.eu)

📷 @renature\_project

🐦 @ReNature\_H2020 #ReNatureMalta

📘 @ReNatureH2020

## HIGHLIGHTED TOPICS

- Cultural ecosystem services, including recreation and tourism
- Design of urban spaces
- Multifunctionality of nature-based solutions
- Nature-based solutions for water management
- Performance planning
- Place socio-cultural and economical values
- Social-environmental justice
- Science-policy interface
- Urban planning
- Urban transformations

## CONFIRMED SPEAKERS

*Prof. Niki Frantzeskaki*

*(Swinburne University of Technology)*

*Prof. Christopher Raymond*

*(Helsinki Institute of Sustainability Science)*

*Prof. Dagmar Haase*

*(Humboldt-Universität zu Berlin)*

*Dr Nadja Kabisch*

*(Humboldt-Universität zu Berlin)*

*Dr Marcus Collier (Trinity College Dublin)*

*Prof Davide Geneletti (University of Trento)*

*Davide Longato (University of Trento)*

*Dr Lynn Dicks (University of Cambridge)*

*Dr Miriam Grace (University of Cambridge)*

*Dr Mario V Balzan (MCAST)*

## LEARNING OUTCOMES

**By the end of the ReNature 2<sup>nd</sup> Interdisciplinary Training School, the participants will be able to:**

1. Identify appropriate context-adapted nature-based solutions to address specific societal challenges in development projects;
2. Plan context-adapted nature-based solutions that lead to co-benefits to biodiversity and ecosystem services, and well-being;
3. Understand, through case-study applications, how nature-based solutions can be mainstreamed into urban planning and environmental decision-making;
4. Identify methods that can be used to assess the performance of nature-based solutions;
5. Evaluate different stakeholder perceptions of nature-based solutions;
6. Identify future opportunities for the implementation and co-creation of context-adapted nature-based solutions.

## CONTACT US

In case of any questions about the ReNature 2<sup>nd</sup> Interdisciplinary Training School, feel free to contact:

Dr Mario V Balzan ✉ [mario.balzan@mcast.edu.mt](mailto:mario.balzan@mcast.edu.mt)

Dr Judita Tomaskinova ✉ [judita.tomaskinova@mcast.edu.mt](mailto:judita.tomaskinova@mcast.edu.mt)

# PROGRAMME

## Monday 15<sup>th</sup> March 2021

<b>9.00–9.05</b>	<b>Introduction to the Renature Training School</b> Prof Davide Geneletti, University of Trento; Dr Mario Balzan, MCAST
<b>9.05–9.35</b>	<b>Introduction to nature-based solutions, including a Q&amp;A session</b> Dr Marcus Collier, Trinity College Dublin
<b>9.35–10.15</b>	<b>Keynote Lecture and Q&amp;A</b> Prof Niki Frantzeskaki, Swinburne University of Technology
<b>10.15–10.30</b>	<b>Break</b>
<b>10.30–11.00</b>	<b>Ecological succession and vegetation assemblages in a Mediterranean climate</b> Dr Mario Balzan, MCAST
<b>11.00–11.15</b>	<b>Instructions for case study activity</b> Dr Mario Balzan, MCAST
<b>11.15–11.30</b>	<b>Break</b>
<b>11.30–12.00</b>	<b>Breakout group work</b> all ReNature partners
<b>afternoon</b>	<b>Self-organized group work</b>

## Tuesday 16<sup>th</sup> March 2021

<b>9.00–9.30</b>	<b>Review of groups findings</b> Prof Davide Geneletti, University of Trento; Dr Mario Balzan, MCAST
<b>9.30–10.10</b>	<b>Keynote Lecture and Q&amp;A</b> Dr Nadja Kabisch, HU Berlin
<b>10.10–10.25</b>	<b>Break</b>
<b>10.25–10.55</b>	<b>NbS and performance-based planning, including a Q&amp;A session</b> Prof Davide Geneletti, University of Trento
<b>10.55–11.10</b>	<b>Instruments for NbS design</b> Davide Longato, University of Trento
<b>11.10–11.15</b>	<b>Instructions for case study activity</b>
<b>11.15–11.30</b>	<b>Break</b>
<b>11.30–12.00</b>	<b>Breakout group work</b> all ReNature partners
<b>afternoon</b>	<b>Self-organized group work</b>

## Wednesday 17<sup>th</sup> March 2021

<b>9.00–9.30</b>	<b>Review of groups findings</b> Prof Davide Geneletti, University of Trento; Dr Mario Balzan, MCAST
<b>9.30–10.10</b>	<b>Keynote Lecture and Q&amp;A</b> Prof Dagmar Haase, Humboldt-Universität zu Berlin
<b>10.10–10.25</b>	<b>Break</b>
<b>10.25–11.10</b>	<b>Stakeholder perspectives on NbS – an interactive role-play activity</b> Dr Lynn Dicks, Dr Miriam Grace, University of Cambridge
<b>11.10–11.15</b>	<b>Instructions for case study activity</b>
<b>11.30–12.00</b>	<b>Break-out group work</b>
<b>afternoon</b>	<b>Self-organized group work</b>

## Thursday 18<sup>th</sup> March 2021

<b>9.00–9.45</b>	<b>Group Presentations I &amp; structured discussion</b>
<b>9.45–10.00</b>	<b>Break</b>
<b>10.00–10.45</b>	<b>Group Presentations II &amp; structured discussion</b>
<b>10.45–11.00</b>	<b>Break</b>
<b>11.00–11.30</b>	<b>Keynote Lecture and Q&amp;A</b> Prof Chris Raymond, Helsinki Institute of Sustainability Science
<b>11.30–12.00</b>	<b>Future perspectives and opportunities for NbS</b> Dr Marcus Collier, Trinity College Dublin