

## AdriaClimPlus – Introductory Summer School

20 - 25 July 2025

CMCC - Via Marco Biagi, 5, 73100, Lecce

| DAY 1 – Sunday 20 <sup>th</sup> July |   |
|--------------------------------------|---|
| Time                                 | Activity  |
| Morning                              | Bus pick-up at the Mercure Hotel President, Via Antonio Salandra, 6, 73100, Lecce   |
| PM - TBC                             | <p><b>Team Building Activity: Kayak /SUP tour</b><br/>Roca Vecchia -</p> <p>Lunch box on site</p> <p>If the weather conditions do not permit, the tour will be cancelled.</p> <p>Useful items to pack and bring with you:</p> <ul style="list-style-type: none"> <li>- Beach Towel</li> <li>- Sun cream protection</li> <li>- Drinking water</li> <li>- A jumper for the evening in case of wind</li> </ul> |
| Late PM - TBC                        | Return with the bus to the Mercure Hotel President, Via Antonio Salandra, 6, 73100, Lecce   |
| 20:00                                | Free Evening  |



**DAY 2 – Monday 21<sup>st</sup> July: Introduction to climate change**
[Zoom link DAY2](#) (Meeting ID: 838 4488 8999; Passcode: 085847)

| Time          | Activity  | Lecturer  |
|---------------|---|---|
| 9:00          | Start of meeting at CMCC headquarters- Via Marco Biagi, 5, 73100, Lecce                       |   |
| 9:00 – 10:00  | <b>Introduction to climate change</b>   | <i>Lorenzo Mentaschi</i><br>(UNIBO)                     |
| 10:00 – 11:00 | <b>Climate change in the Adriatic Sea: Insights from AdriaClim and AdriaClimPlus projects</b> | <i>Giorgia Verri</i><br>(CMCC)                          |
| 11:00 – 11:30 | Coffee break  |   |
| 11:30 – 12:00 | <b>Legal and policy framework on climate change mitigation and adaptation</b>                 | <i>Elisa Fiorini Beckhauser</i><br>(CMCC)               |
| 12:00 –13:00  | <b>Keynote: Climate change and coastal hazards</b>  | <i>Michalis Vousdoukas</i><br>(University of the Aegen) |
| 13:00 –14:00  | Lunch break   |   |
| 14:30         | Bus pick-up at CMCC headquarters  |   |
| 15:00 -19:00  | Field activity at Idume Mouth   |   |
| 19:30         | Return with the bus to the Mercure Hotel President, Via Antonio Salandra, 6, 73100, Lecce     |   |
| 20:00         | Free Evening  |   |



**DAY 3 – Tuesday 22<sup>nd</sup> July: Field observations**

[Zoom link DAY3](#) (Meeting ID: 873 9737 1027; Passcode: 878275)

| Time          | Activity  | Lecturer                            |
|---------------|---|-------------------------------------|
| 9:00          | Start of meeting at CMCC headquarters- Via Marco Biagi, 5, 73100, Lecce   |                                     |
| 9:00 – 10:45  | <b>Introduction to physico-chemical measures to support CC science</b>    | <i>Ivica Vilibic</i><br>(RBI)       |
| 10:45 – 11:10 | <b>Instruments for ocean monitoring</b>                                   | <i>Viviana Piermattei</i><br>(CMCC) |
| 11:10 – 11:30 | Coffee break  |                                     |
| 11:30 – 13:00 | <b>Statistics and visualization programs</b>                              | <i>Dario Giaiotti</i><br>(ARPA-FVG) |
| 13:00 – 14:00 | Lunch break   |                                     |
| 14:30 – 17:30 | <b>Practical session</b>  | <i>Iva Dominovic</i><br>(RBI)       |
| 20:00         | Social Dinner – All’Ombra del Barocco, Corte dei Cicala, 10, 73100, Lecce |                                     |



**DAY 4 – Wednesday 23<sup>rd</sup> July: Remote Sensing**
[Zoom link DAY4](#) (Meeting ID: 841 8125 1418; Passcode: 975567)

| Time          | Activity  | Lecturer  |
|---------------|---|---|
| 9:00          | Start of meeting at CMCC headquarters- Via Marco Biagi, 5, 73100, Lecce |   |
| 9:00 – 10:30  | <b>Introduction to remote sensing for ocean color in coastal system</b> | <i>Sonia Silvestri</i><br>(UNIBO)                       |
| 10:30 – 11:00 | <b>Intro to the retrieval of biophysical parameters in water</b>        | <i>Milad Niroumand</i><br>(UNIBO)                       |
| 11:00 – 11:30 | Coffee break  |   |
| 11:30 – 13:00 | <b>Forward and inverse models based on radiative transfer</b>           | <i>Milad Niroumand</i><br>(UNIBO)                       |
| 13:00 – 14:00 | Lunch break   |   |
| 14:30 – 17:30 | <b>Practical session</b>  | <i>Milad Niroumand &amp; Sonia Silvestri</i><br>(UNIBO) |
|               | Free Evening  |   |



**DAY 5 – Thursday 24<sup>th</sup> July: Modeling**
[Zoom link DAY5](#) (Meeting ID: 889 0628 8315; Passcode: 016739)

| Time          | Activity   | Lecturer  |
|---------------|--|---|
| 9:00          | Start of meeting at CMCC headquarters- Via Marco Biagi, 5, 73100, Lecce                        |   |
| 9:00 – 10:00  | <b>Introduction to climate modeling</b>  | <i>Vladimir Santos da Costa</i><br>(CMCC)   |
| 10:00 – 11:00 | <b>Climate downscaling - Atmosphere and Ocean<br/>(AdriaClim &amp; AdriaClimPlus projects)</b> | <i>Veera Ramadoss</i><br>(CMCC)   |
| 11:00 – 11:30 | Coffee break   |   |
| 11:30 – 12:00 | <b>Climate Change Indicators and Adaptation<br/>Planning</b>                                   | <i>Paola Tanguy</i><br>(CMCC)   |
| 12:00 –13:00  | <b>Ocean digital twin, development and applications</b>  | <i>Jacopo Alessandri</i><br>(UNIBO-CMCC)  |
| 13:00 –14:00  | Lunch break  |   |
| 14:30 –17:30  | <b>Practical session</b>   | <i>Luis Biolchi (Arpae)</i><br><i>Renata Eidt Tatsch (CMCC)</i><br><i>Julia Kaiser (CMCC)</i><br><i>Alessandro De Lorenzis (CMCC)</i> |
|               | Free Evening   |   |



**DAY 6 – Friday 25<sup>th</sup> July: Wrap up & final reporting**
[Zoom link DAY6](#) (Meeting ID: 839 2118 9611; Passcode: 815034)

| Time          | Activity   | Moderator                           |
|---------------|--|-------------------------------------|
| 9:00          | Start of meeting at CMCC headquarters- Via Marco Biagi, 5, 73100, Lecce    |                                     |
| 9:00 – 10:00  | <b>Reporting of practical sessions</b><br><b>Group 1</b><br><b>Group 2</b> | <i>Lorenzo Mentaschi</i><br>(UNIBO) |
| 11:00 – 11:30 | Coffee break   |                                     |
| 11:30 – 12:00 | <b>Group 3</b><br><b>Group 4</b>   | <i>Lorenzo Mentaschi</i><br>(UNIBO) |
| 13:00 –14:00  | Lunch break  |                                     |
| 14:00 -14:30  | Group Photo and visit to HPCC  |                                     |
| 14:30         | End of Summer School   |                                     |

