

Croatian-Swiss Research Programme (CSRP)
“Severe Weather over the Alpine-Adriatic region in a Changing Climate (SWALDRIC)”
3rd Annual (Hybrid) Project Meeting, Friday, November 21, 2022,

**Location: Croatian Meteorological and Hydrological Service, Ravnice 48, 10000
Zagreb, Croatia**

For online participation,

Join Zoom Meeting

Meeting ID: 947 1977 8425

Passcode: 392531

-Agenda-

09:30-09:45 Welcome, Introduction and overview of the SWALDRIC project
(Christoph Schär and Maja Telišman Prtenjak)

Presentations of Phd students working on SWALDRIC project

Chair: Maja Telišman Prtenjak

(Each student has 20 min for presentation and 5 min for questions)

09:45-10:10 Characteristics of hail over Croatia (Damjan Jelić)

10:10-10:35 Simulating hail and lightning over the Alpine-Adriatic region with WRF
model (Barbara Malečić)

10:35-11:00 Exploring the potential of HAILCAST and LPI in a km-scale climate
model under current climate conditions (Ruoyi Cui)

11:00-12:30 [Coffee Break](#)

Invited presentations

Chair: Nikolina Ban

(Presenters should leave around 1-2 min for questions)

12:30-12:45 European-scale climate-change simulation with hail and lightning diagnostics
using the PGW approach: status report (Christoph Schär)

12:45-13:00 Future precipitation changes in the latest EURO-CORDEX ensemble over
Croatia (Sarah Ivušić)

- 13:00-13:15 Hail data trends analyses over Croatia (Lucija Blašković)
- 13:15-13:30 Use of COSMO climate simulations for the detecting future change in viticulture phenological stages and spring frost risk in Croatia (Branimir Omazić)
- 13:30-13:45 Windward measurements and Mesoscale Simulation of an Extremely Long-Lasting Severe Bora Event (Petar Golem)

Discussion

Chair: Christoph Schär and Nikolina Ban

13:45-14:15 Wrap-up and Goodbye

14:15-15:30 Lunch