



SUMMER SCHOOL 2023 - PROGRAM -

 **May 21st - 27th 2023**

 **MedILS, Split, Croatia**

21

18:00

Welcomin reception



Organisational team and participants

22

23

24

25

26

27



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21

08:30

Welcome coffee



Tom Hengl and Elena Arsevska

22

09:00

Introduction to the Summer School



Elena Arsevska

09:30

Reproducible research in R 



Tom Hengl

23

10:30



COFFEE BREAK

11:00

Introduction to species distribution modeling (SDM) 



Daniele Da Re

12:30



LUNCH BREAK

24

13:30

Dynamic population models for mosquitos 



Daniele Da Re and Pachka Hammami

15:00



COFFEE BREAK

25

15:30

MOOD platform & covariate data access, query & manipulation 



Sarah Houben

26

17:00



BREAK

17:30

Optional : Crash course in R



Tom Hengl

27

19:00



CATERING/LIGHT DINNER

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08:00

Q&A session from previous day
 Tom Hengl and Elena Arsevska

22

08:30

Health/ point data (introduction) 
 Elena Arsevska

09:30



Covariate data for SDM (introduction) 
 Carmelo Bonannella

23

10:30

 *COFFEE BREAK*

11:00




SDM modeling with R 
 Daniele Da Re and Cedric Masboom

12:30

 LUNCH BREAK

24

14:00

SDM modeling with R: Boosted regression tree approach and spatial cross-validation with R -  **remote talk** 
 Diana Erazo

15:00

 *COFFEE BREAK*

25

15:30

Ensemble Machine Learning with R 
 Tom hengl and Carmelo Bonannella

26

17:00

 *END OF THE DAY*

27

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Q&A session from previous day

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09:00

Mining media data for improved disease surveillance - talk and example of applications 

 Elena Arsevska and Bahdja Boudoua

10:30

 *COFFEE BREAK*

23

11:00

Avian Influenza risk mapping dashboard: from text to spatial mapping

 Mehtab Syed

 **REC**

11:45

Disease mapping using media data - remote talk 

 Diana Erazo

24

12:30

 *LUNCH BREAK*

13:30

Mining Electronic Health Records (EHRs) for improved disease surveillance - remote talk 

 SAVSNET

25

14:00

Spatio-temporal modeling of the risk of tick infestation in GB using EHRs

 Tom hengl

 **REC**


15:00

 *COFFEE BREAK*

26

15:30

Epitweetr R package and Shiny app - remote talk 

 Laura Espinosa

27

16:15

 *END OF THE DAY*

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Q&A session from previous day
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09:00

Introduction to the MOOD hackathon
 Tom Hengl and Elena Arsevska

09:30

PART I - Hackathon
 Participants

10:30

 *COFFEE BREAK*

23

11:00

PART II - Hackathon
 Participants

12:30

 *LUNCH BREAK*

24

13:30

Part III - Hackathon
 Participants

15:00

 *COFFEE BREAK*

25

15:30

Part IV - Hackathon
 Participants

26

17:00

Discussion Forum "Future of disease modeling (in the time of AI technology and big data)"  REC
 Lecturers & Participants

27

18:30

 *BREAK*

19:00

 *CLOSING DINNER*

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Q&A session from previous day
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09:00

Discussion on what we learned
 Lecturers and Participants

10:30

 *COFFEE BREAK*

11:00

MOOD project and how can you contribute & get involved?
 Lecturers and Participants

23

11:00

Hackathon results and award session 
 Lecturers and Participants

12:30

 LUNCH BREAK

24

13:30

 AFTERNOON : SOCIAL ACTIVITY

19:00

 HAPPY HOUR IN TOWN

25

26

27



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9:00

Departures - WHOLE DAY

 Organisational team and participants

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27

