

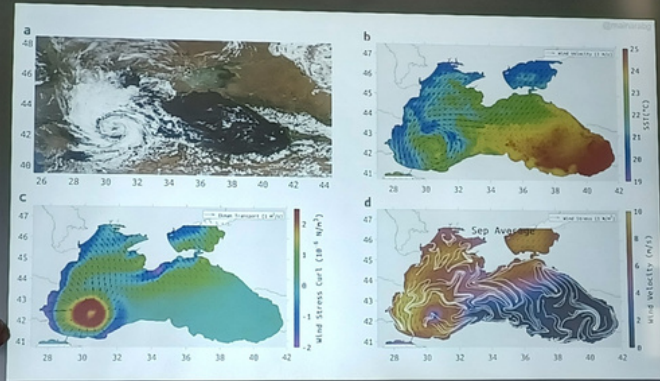
25-27 СЕПТЕМВРИ 2023, С. БАНЯ

ПЕТИ НАУЧЕН СЕМИНАР

ФИЗИКА И ХИМИЯ НА ЗЕМЯТА, АТМОСФЕРАТА И ОКЕАНА



Екологични проблеми в България



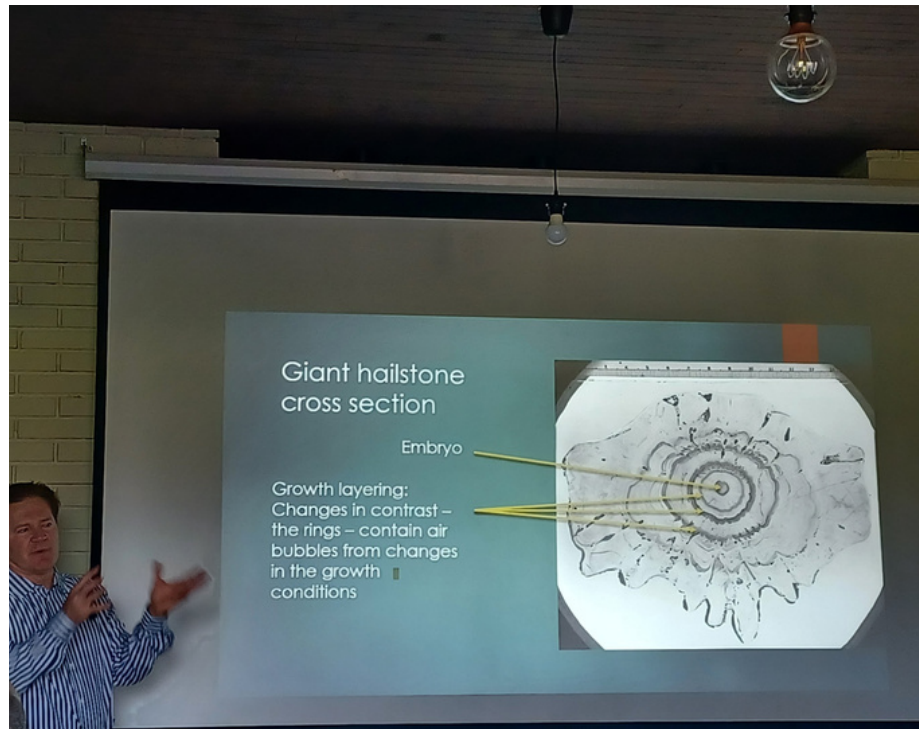
National Science Program "Environmental Protection and Reduction of Risks of Adverse Events and Natural Disasters"
<https://enp.nps.gov.org/>
9 partners; Goals - generation and transfer of new knowledge about: a) processes and interactions in the atmosphere, hydrosphere, lithosphere and biosphere from local to national scale; b) their impact on quality of life, health risks, and ecosystems condition.

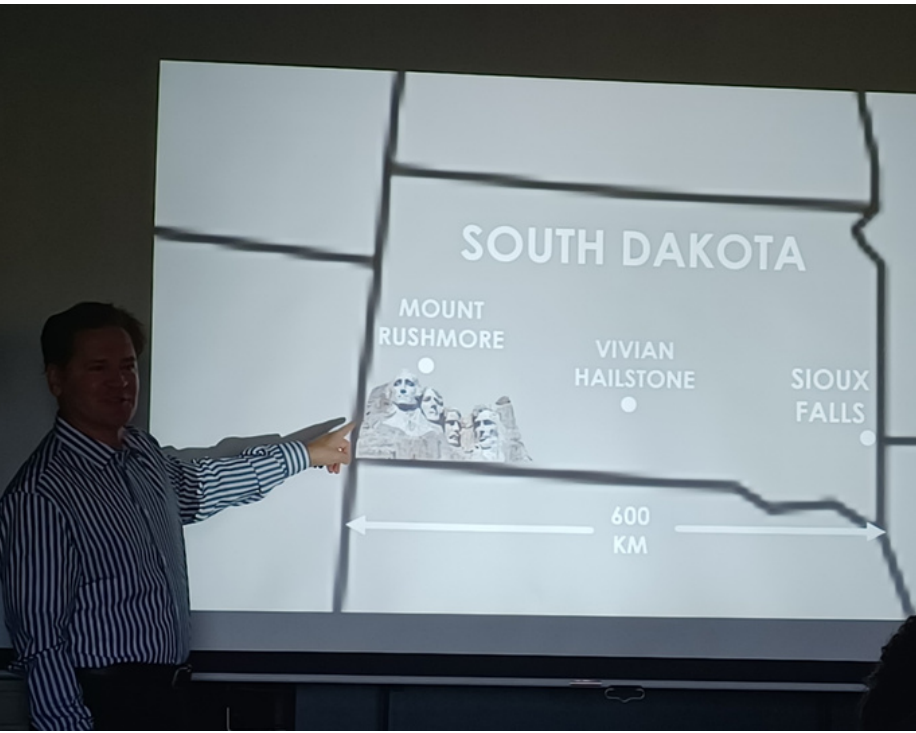
WPI.5 Quality of life in Bulgaria:
What we have learned in the past 5 years?
Reneta Dimitrova
Sofia University "St. Kliment Ohridski"
Faculty of Physics, Department of Meteorology and Geophysics

8th Scientific seminar "Physics and Chemistry of the Earth System"
Hemelov House, Sofia, 21-22 September, 2023

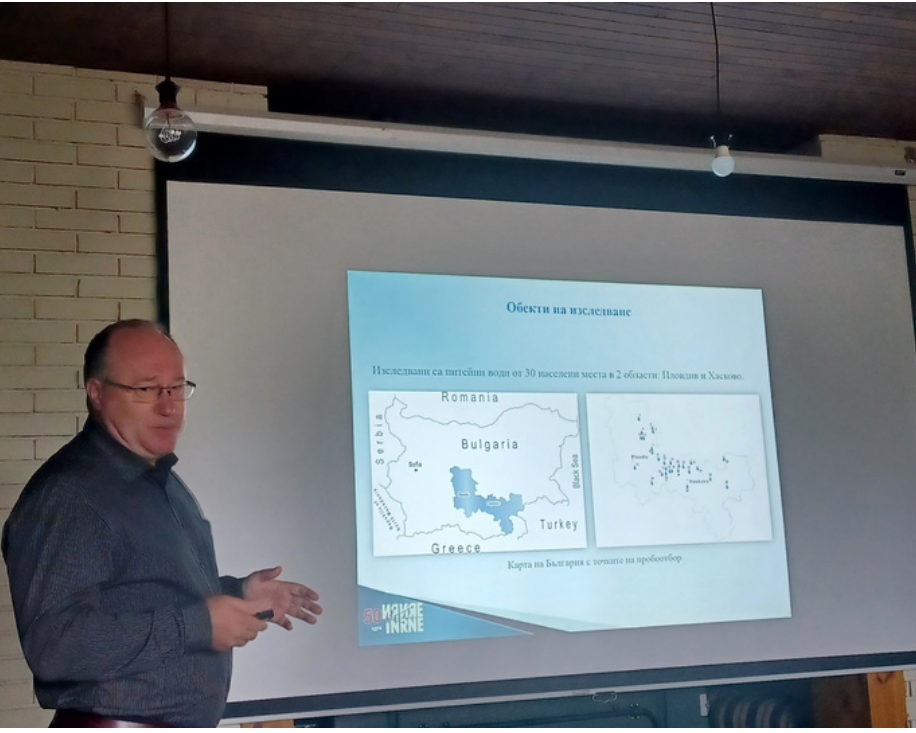


Геофизични методи за изучаване на вечна замръзналост (permafrost)



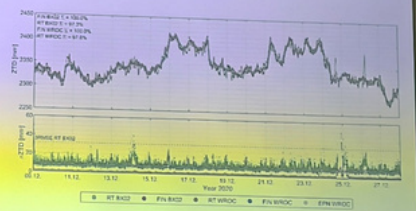


Климат и
 климатичен
 сервиз



VALIDATION - ZTD

- ZTD consistent with the reference for WROC and BX02 in both solutions
- ~2.5% of results rejected as outliers for RT WROC and RT BX02
- $\sigma_{RT\ BX02}$ is 2.5x larger than WROC ($\sigma_{RT\ BX02} < 9\text{ mm}$).
- $\sigma_{FIN\ BX02}$ is 4x larger than WROC ($\sigma_{FIN\ BX02} < 7\text{ mm}$).



2010
ted a
our
e storm

Doppler radar reflectivity

Hail core

StormTRACKER

Dorothy Live Video Central SD

5 PM News

Системи за рано предупредение

25-27 СЕПТЕМВРИ 2023, С. БАНЯ

ПЕТИ НАУЧЕН СЕМИНАР



ФИЗИКА И ХИМИЯ НА ЗЕМЯТА, АТМОСФЕРАТА И ОКЕАНА

Финансиране по проект 80-10-70/25.04.2023 ФНИ на СУ

и

Национална научна програма „Опазване на околната среда и намаляване на риска от неблагоприятни явления и природни бедствия“ № Д01-271/09.12.2022