



NRAP Tools for Geologic Carbon Storage Risk-Based Decision Making

Held in conjunction with
GWPC 2021 Annual Forum
September 29, 2021

AGENDA

TIME	TOPIC	Speaker(s)
Noon – 12:05 PM CT	Welcome	Mike Nickolaus (GWPC)
12:05 – 12:30 PM CT	Overview of the National Risk Assessment Partnership and NRAP Phase II Products	Robert Dilmore (NETL)
12:30 – 1:00 PM CT	NRAP Open-source Integrated Assessment Model And Relevant Application	Veronika Vasykivska (NETL)
1:00 – 1:10 PM CT	Interface and Workflow Design for Geological Carbon Storage Modeling, Simulation – GCSRiskman Prototype	Mark Brandyberry (Illinois Rocstar)
1:10 – 1:40 PM CT	Assessing Geomechanical Risks at GCS Sites Using the State of Stress Assessment Tool	Jeff Burghardt (PNNL)
1:40 – 2:00 PM CT	Break	
2:00 – 2:30 PM CT	Short term seismic forecasting – a tool to assess seismicity during injection operations And RiskCat	Corinne Layland-Bachmann (LBNL)
2:30 – 3:00 PM CT	Designs for Risk Evaluation and Monitoring and Example Coupling with Integration with NRAP-Open-IAM	Alex Hanna (PNNL)
3:00 – 3:30 PM CT	Optimal Design of Microseismic Monitoring Network	Lianjie Huang (LANL)
3:30 – 4 PM CT	Discussion	