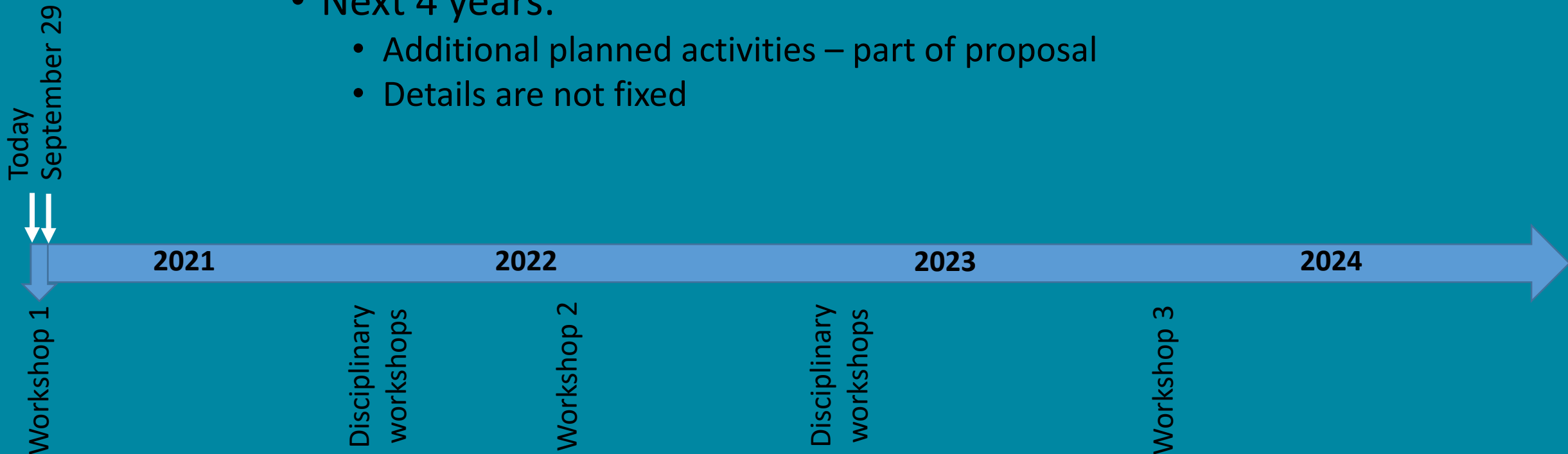
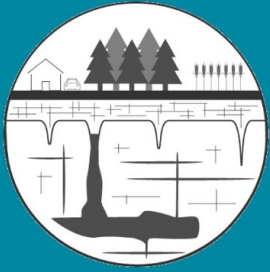


# RCN Future

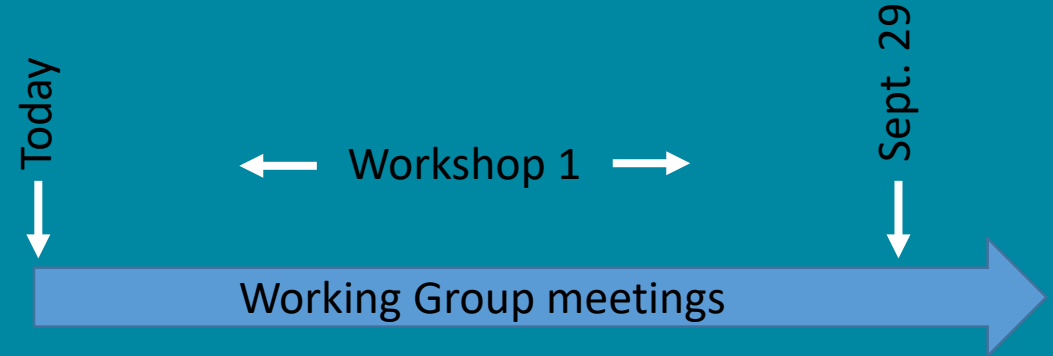
- Workshop 1:
  - Starts today
  - Next thing today are breakout sessions w/ Working Groups
  - Working Group will be the heart of activities
  - End of Workshop 1: Plenary session on Sept. 29
- Next 4 years:
  - Additional planned activities – part of proposal
  - Details are not fixed

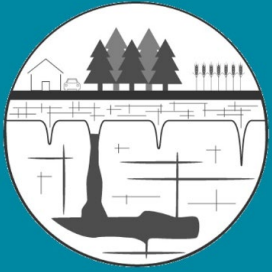




# RCN – Workshop 1

- **Today: Working Groups**
  - Introductions: meet and greet
  - Plan future WG meetings/activities
- **Next few weeks: Working Groups breakout sessions**
  - Orchestrated by a WG leader – to guide disciplinary expertise
  - Include member(s) of SC – to provide continuity with rest of RCN
  - Facilitator – all have common agenda for efficiency and effectiveness.
- **Second plenary session: September 29**
  - Start with short reports of findings from WG meetings
  - Sketch out white paper report of results of the workshop
  - Plenary discussion to attempt synthesis and plan for future



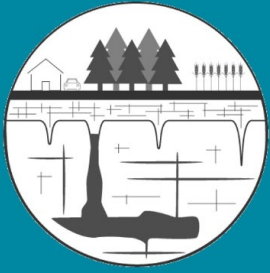


# RCN – Workshop 1

- The WG findings published as workshop report:
  - List/co-authored by all participants
  - Publication venue TBD – in conjunction with KWI (?)
- Contents – Synthesis of WG findings:
  - Carbonate mineral impacts on the CZ
  - Place impacts in spectrum of lithological gradient
  - Ways to improve diversity, equity, and inclusivity
  - What is unknown and how can unknowns be evaluated (methods)?
  - What is significance of filling those knowledge gaps?
  - Identification of data/compilation of metadata
  - Identification of training needs

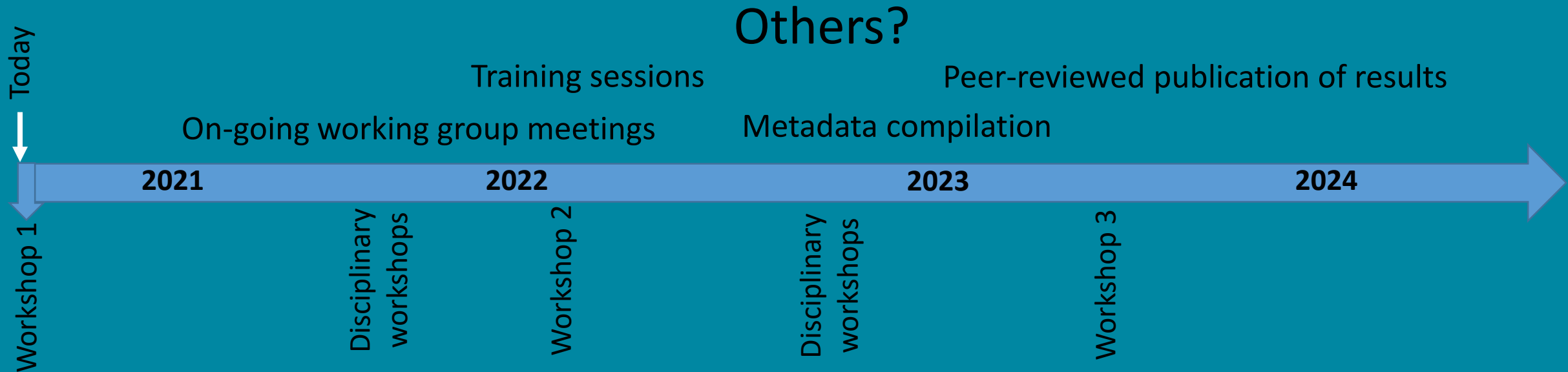
Sept. 29  
↓

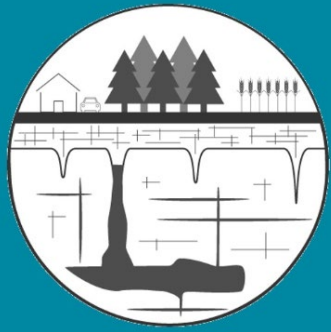
Writing results: white paper



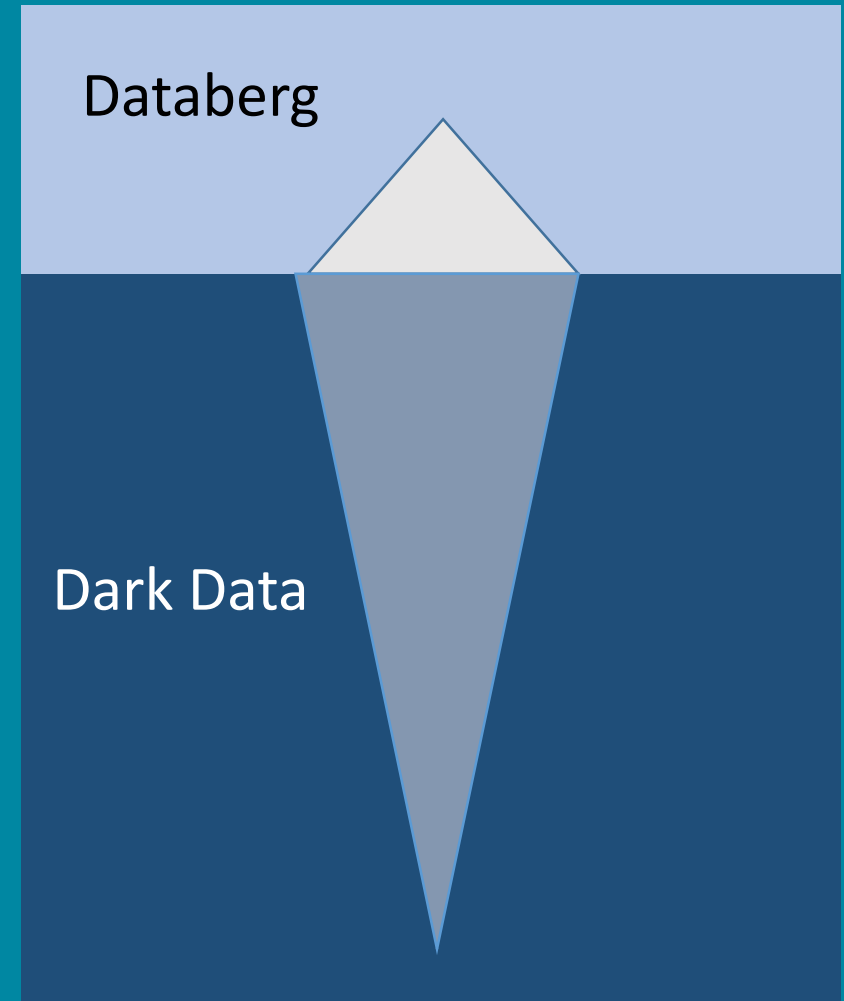
# RCN Future – Post workshop 1

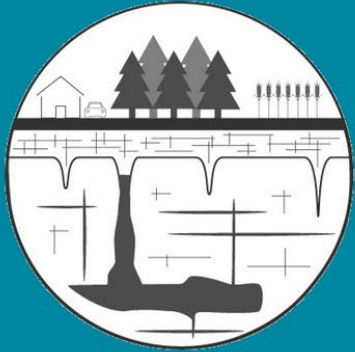
- Some activities are hardwired in
- We have an opportunity to:
  - Develop and refine research agendas
  - Increase participation and diversity
  - Analyze and synthesis existing data in new ways





How many of you  
have interesting  
data that you have  
never published?





# CARBONATE CRITICAL ZONE RESEARCH COORDINATION NETWORK

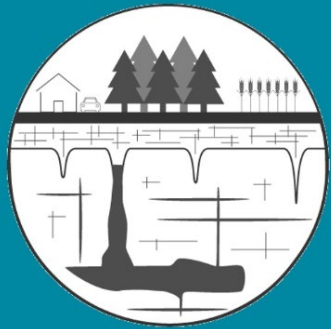
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## Data Tools

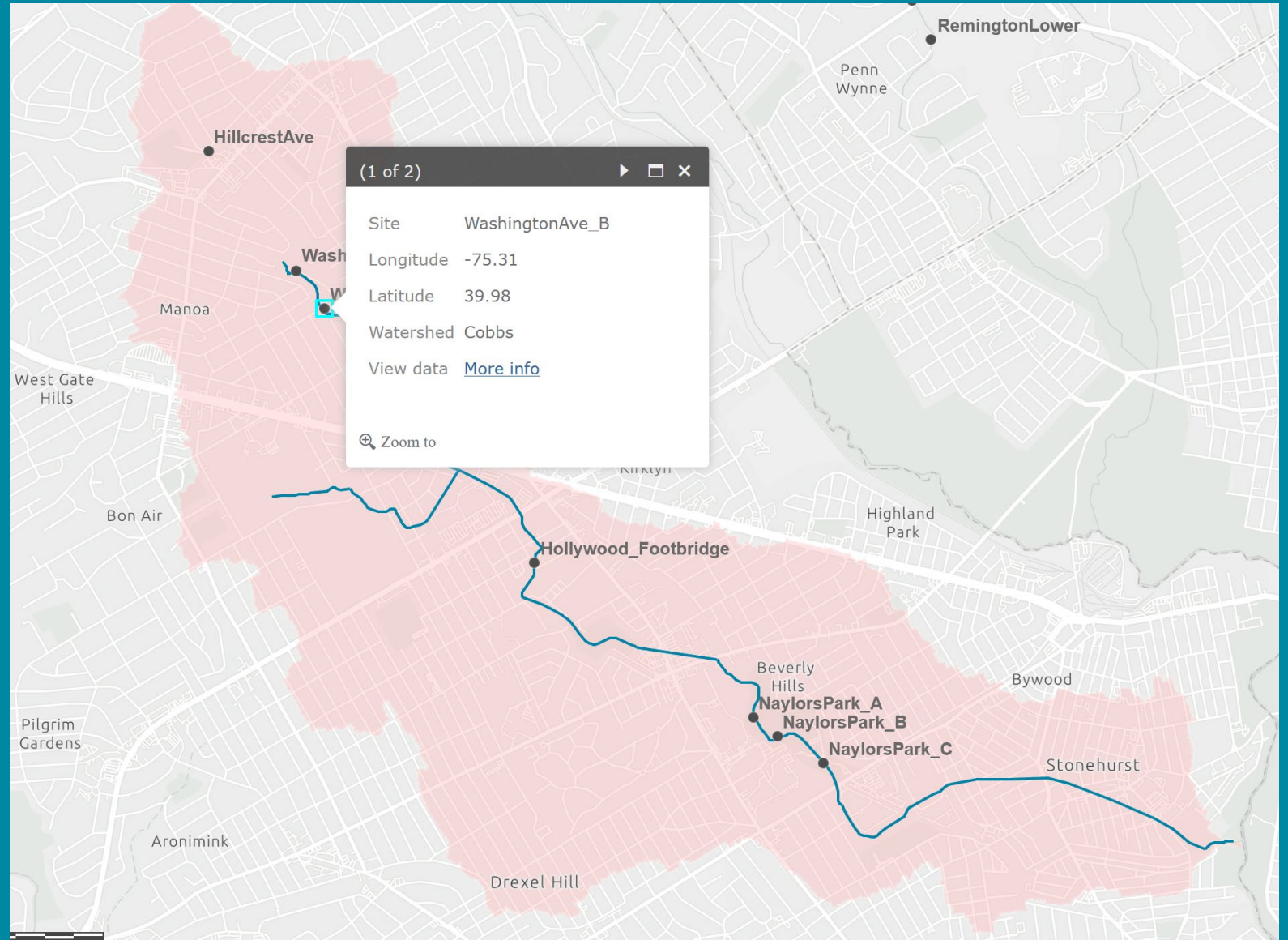
*New tab*

- Virtual field trips
- Tutorial on Google Data Studio
- Metadata tools for databases such as CUAHSI Hydroshare
- Survey and communication

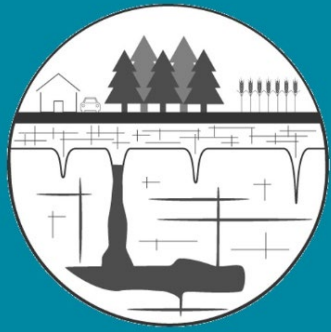


# Google Data Studio Demo

- Example Studio data map
- Tutorial on how to use Studio



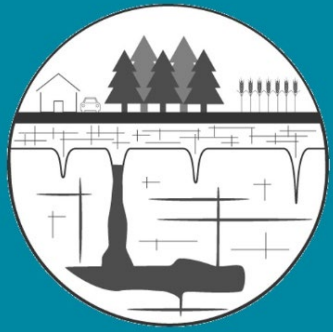




# CUAHSI Hydroshare demo (coming soon)

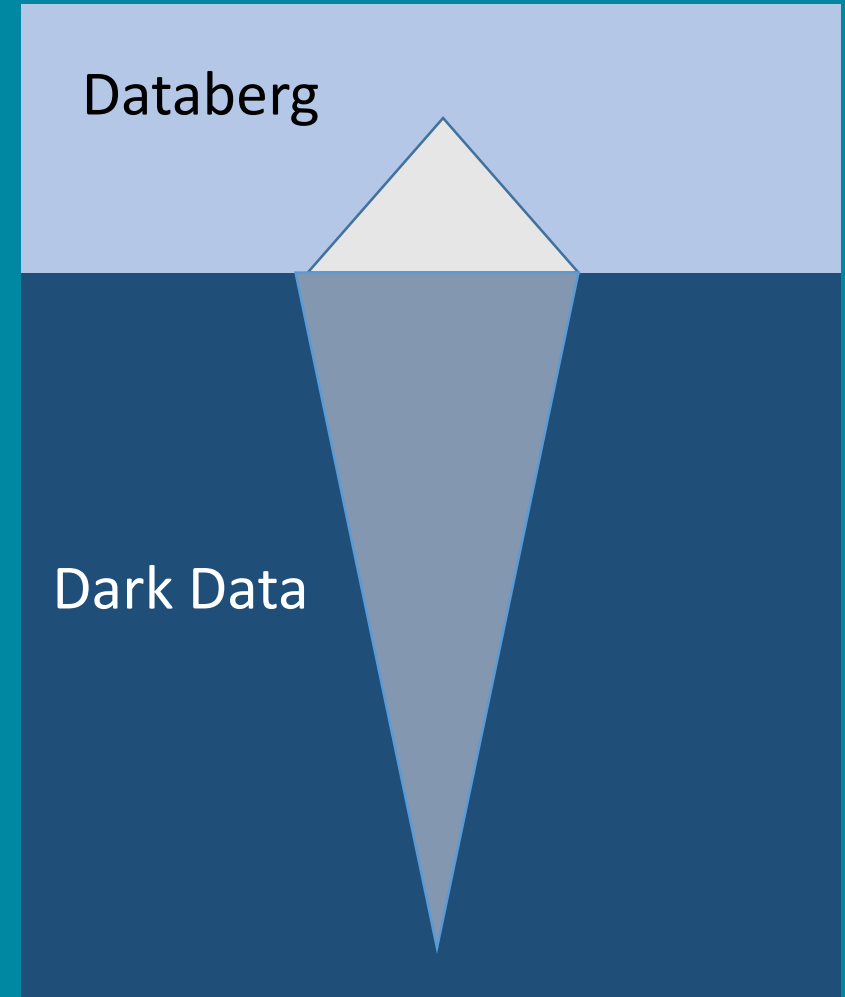


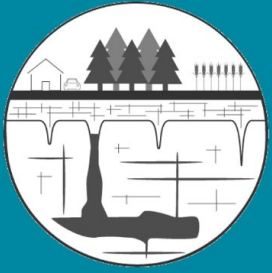
- Good metadata is key to sharing data
- Community can suggest and agree on search tools
- RCN can point to resources and search tools



# RCN Community Survey

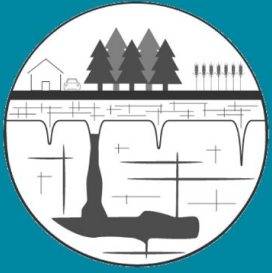
- Training
- Data sets
- Search tools
- Data gaps





# Working Groups

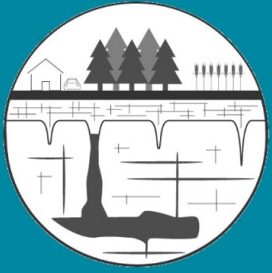
- Who are you?:
  - Group participants with similar interests
  - Based on survey – tried to compile people with #1 theme interest
- What is your mission? Discuss and identify for your “theme”:
  - “Down in the weeds” disciplinary state of the knowledge
  - Ways to increase diversity and equitability of the discipline
  - The “known knowns” and “known unknowns”
  - Future activities to produce the most important results
  - The significance of those results



## Working Groups – Logistics

- Today: “meet and greet”
- TBD: at least one additional meeting
  - Occur between today’s meeting and Sept. 29 meeting
  - Could be additional meetings if necessary – you decide
  - Date(s) and time(s) of meetings to be determined though polling
  - Meeting will be 2 hours, facilitated with common agenda
- Sept. 29: Findings presented by WG leader; support from WG

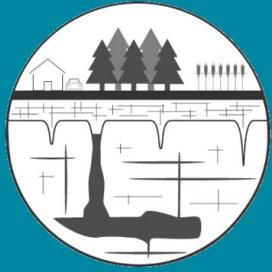




# RCN – Working Group Activities

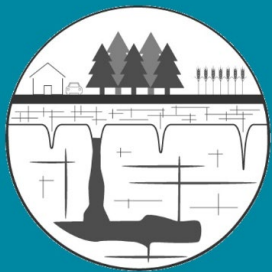
- Working Groups
  - WG leaders and SC planning meeting Aug. 11, 10:30 EST
- Working Group meeting agenda – draft version

Time (min)	Activity
5	Introduction/Zoom dynamics; Identify note taker
10	Review outcomes of WG expectations: Networking and DEI; identify key research needs
5	Quick recap of this WG theme (e.g., lightning talks)
35	Individual thoughts; discussion in groups of ~3 – reach consensus on key thoughts
15	Report to WG on consensus ideas (~3 minutes each)
30	Facilitated discussion of the consensus ideas
10	Back to breakout groups of ~3 – reach consensus on promoting DEI in geosciences
5	Report to WG on consensus ideas
15	Wrap up: Delegate tasks. Develop WG-plenary interactions. Another meeting needed? If yes, decide on agenda.



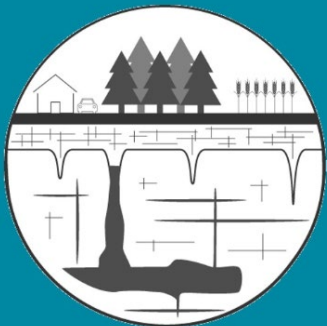
## Working groups – Outcomes

- Report at September 29<sup>th</sup> meeting
- Description of WG's ideas and knowledge
  - Short text (~1 page)
  - Bullets
  - Cartoons/figures
  - PowerPoint presentation



# Questions and Discussion





# CARBONATE CRITICAL ZONE RESEARCH COORDINATION NETWORK

Break out groups

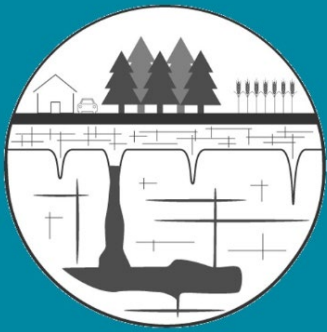
Who we are?

What makes us different?

What do we have in common?







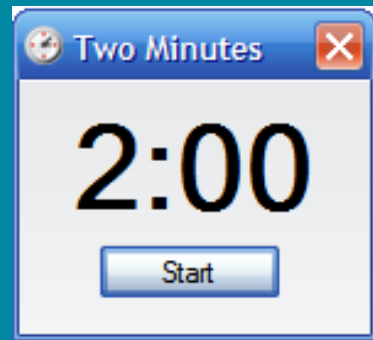
# CARBONATE CRITICAL ZONE RESEARCH COORDINATION NETWORK

Break out groups

Who we are?

What makes us different?

What do we have in common?



→ Name, position and affiliation

→ Name where are you from and where you live

→ Name 2 scientific interests related to Carbonate CZ

→ Name one thing you love doing