**NSC Technical Subcommittee Call Minutes – July 19, 2022**

**Participation [by regions]:**

1: Sara Johnson - **NH**

3: Luke Hershey, Samantha Harmon & Lee Ann Briggs – **PA**

4: LaTrina Williams – **MS**; Donovan Grimwood – **TN**; Tony Pendola - **NC**

5: Emily Ohde & Samantha Connolly – **MN**; Lisa Ashebrenner-Hunt – **WI**; Hani Sharaya, Chrystal Wagner, Michele Murday, Tracy Barnes & Mark Stoddard - **IN**

7: Bob Randolph – **MO**; Nancy Larson – **KS**; Jennifer Wittenburg - **IA**

9: Jennifer Lipkin - **NV**

10: Belinda Breidenbach - **ID**

**Presenter:** Noel Anderson

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| **Tech-Subcommittee:** <https://nationalsbeap.org/sbeap/resources/subcommittees/technical>  ***\*\* This presentation was recorded and will be posted on the National SBEAP YouTube channel at*** <https://www.youtube.com/channel/UC5PupYpZ1W6IG8CtzCINK8Q> ***\*\****  **Google Earth: Building Connecting Contextual Dots from**  **“The Tree to the Forest” and Understanding the Difference**  Noel Anderson, Soil Scientist, Hydrogeologist, GIS Analyst, etc.  ***Context is everything***.  "***Connecting the Dots***" is one of the most powerful abilities we can possess in our professional and personal lives.  For hundreds of years, a natural connecting medium has been available to humans. It is  called a map. “***Google Earth***” dramacally leverages the power of the map to a new level.   * Noel Anderson gets under the hood of “***Google Earth***” to show you how it works and how you can develop content for “***Google Earth***” as well as how it can greatly increase your understanding of the environmental connections of source, pathway & receptor.   **Bio**  **Noel Anderson, President**  **Madisan**  “Noel Anderson Google Earth”  [NAMadisan@gmail.com](mailto:NAMadisan@gmail.com)  Noel Anderson is a   * **Soil Scientist** - mapping 134,000 acres with the USDA Indiana Soil Survey, * **Hydrogeologist** - Indiana Department of Environmental Management (IDEM), * **Hydrogeologist** – private sector, * **Project Manager** at several private consulting firms including Arcadis Geraghty & Miller, * **Geographic Information Systems (GIS) Analyst** - UW-Madison Graduate Researcher, * **GIS Analyst – private consulting**, * **Environmental Regulatory Specialist** – IDEM & private sector.   He was the lead author of a manual describing aquifers in Indiana. He was awarded a contract through the Indiana Geologic Survey and IDEM to develop a database framework based on the manual.  His undergraduate education is in Chemistry, Biology, and Soil Science (BS degree at UW-Stevens Point), MS Geology (Ball State University), and a PhD (ABD) in Geology with a minor in Environmental Engineering including graduate courses in GIS & Flow Modeling (UW-Madison).  The last 15 years Anderson has devoted to GIS education to the agricultural community. |
| **Future topics:**   * **August 16:** To be determined * **September 20:** ***Air Trends Update & Report***, Julia Black, EPA OAQPS * **Topic under consideration: *CEDRI/CDX Basics*** – starting with an account, making simple changes, submitting reports, or replacing an employee   **Next Call: August 16, 2022**  1 pm CST (2 pm EST) (3rd Tuesday of month) |