Introduction and Logistics
9:30 am; participants assemble, coffee and light breakfast; welcome and introductions, thanks, photo release, statement of goals and meeting logistics (MacFadden)

10:00 am; Project 71 Spark; overview of the Moonshot and earth systems science (15 minutes, MacFadden); opening questions about TIES themes and Moonshot project (15 minutes, Mills, Flemming)

10:30 am; results, discussion, and synthesis of pre-meeting survey (Ellis)

11 am—Module 1: Florida’s Earth systems—content and specific needs of teachers
  • Spark (Jennifer Davis—FL standards)—10 minutes
  • Breakout groups (elementary, middle, high school)
  • Questions to be addressed (subject to modification at workshop)
    o What science content within earth systems science is of most interest to you?
    o How do these align with the state standards?
    o What are the other content-related needs of teachers?
  • Sharing out (groups reassemble in classroom)

Noon—lunch, networking, community building; walk around site

1 pm: Module 2—In person school or university (e.g., PD) visits
  • Spark: Zimmerman—GeoGators
  • Breakout groups
  • Questions to be addressed (subject to modification at workshop)
    o What kinds of in-person visits from scientists have you had in your school?
    o What worked, and what did not?
    o What ideas do you have for developing future in-school visits by scientists?
    o What kinds of Moonshot PD would be helpful to you?
  • Sharing out (groups reassemble in classroom)

2 pm: Module 3—Technology enabled engagement
  • Sparks Antonenko
  • Breakout groups
  • Questions to be addressed (subject to modification at workshop)
    o What kinds of technology have you used effectively for scientists to virtually connect with your classroom?
    o What kinds of technology-enabled programs and projects would you like to develop in the future?
    o What infrastructure and tech support does your school provide?
    o What technology tools do you use for professional development (e.g., discussion forums, online social networks)
  • Sharing out (groups reassemble in classroom)

3 pm: Module 4—synthesis and next steps
  • Specific examples
    o 26 April Red Tide event
    o Summer PD Institute 7 to 12 July at UF
  • Solidification of community network (?monthly meetups via Zoom, plus ongoing discussions; content on web site TBD)
  • Development of next steps and action items
  • Wrap-up (scribes submit notes)

Workshop will conclude at 4 pm in order for participants to travel