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# IRL COUNCIL STEM ADVISORY COMMITTEE

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*This meeting is open to the public*  
**August 10, 2021**  
**1:30 – 4:30 pm**

*Up the Creek Farms, 3590 Valkaria Road, Grant-Valkaria, FL 32950*

*This meeting is open to the public*  
**\*\*\* Masks are required \*\*\***

*The order of items appearing on the agenda is subject to change during the meeting and is at the discretion of the presiding officer. Anyone wishing to speak on any item is requested to complete a speaker's card.*

- 1. Call to Order and Pledge of Allegiance** (Dr. Chuck Jacoby, Chair)
- 2. Agenda Revisions** (Dr. Chuck Jacoby, Chair)  
*Note any known changes and inquire if any members have suggested revisions.*
- 3. Introductions** (Dr. Chuck Jacoby, Chair)
- 4. Minutes Approval** (Dr. Chuck Jacoby, Chair)  
**Requested Action:** Approval of Minutes from STEM meeting on May 11, 2021.
- 5. Public Comment**
- 6. Water Quality Reports**
  - a. Northern and Central IRL (Dr. Chuck Jacoby, SJRWMD)
  - b. Southern IRL (Dianne Hughes, Martin County)
- 7. Presentations**
  - a. *Status Update on Manatees* (Dr. Martine De Wit, FWC)
  - b. *The Aquarium Project* (Keith Winsten, Brevard Zoo)
  - c. Update on technology application at the *Satellite Beach Grand Canal Dredging Project* (Dr. Thomas D. Waite, President and Founder of Ferrate Solutions, LLC)
  - d. *Florida HAB Task Force Meeting Update* (Chuck Jacoby)
- 8. Old Business**
  - a. Science 2030 Report (Dr. Chuck Jacoby)  
**Requested Action:** Review draft of Science 2030 list of scientific research information gaps and priorities for the next decade. Discuss next steps and schedule for recommendation to IRL Council Board of Directors adoption.
- 9. New Business**
  - a. FY 2023 RFP categories and financial allocations for FY 2023 budget

**Requested Action:** Recommend that the IRL Council Board of Directors approve financial allocations for FY 2023 RFPs and authorize staff to develop and release competitive RFPs by November 2021.

**10. IRLNEP Staff reports**

- a. Project update (Daniel Kolodny)
- b. Communication Report (Kathy Hill)
- c. Executive Director Report (Kathy Hill for Duane De Freese)

**11. Final Comments (Committee, Staff, Public)**

**12. Adjourn**

Next meeting: November 16, 2021 at 1:30 pm.

*NOTE: If a person decides to appeal any decision made by the Board with respect to any matter considered at such meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. Section 286.0105, Florida Statutes (2014).*

*Pursuant to the provisions of the Americans with Disabilities Act, any person requiring special accommodations to participate in this workshop/meeting is asked to advise the agency at least 48 hours before the workshop/meeting by contacting: Ashley Malcolm at (860) 416-3102. If you are hearing or speech impaired, please contact the agency using the Florida Relay Service, 1(800) 955-8771 (TDD) or 1(800) 955-8770 (Voice). For more information, contact: Ashley Malcolm, IRL Council, 1235 Main St, Sebastian, FL 32958, (860) 416-3102, or by email at [malcolm@irlcouncil.org](mailto:malcolm@irlcouncil.org).*