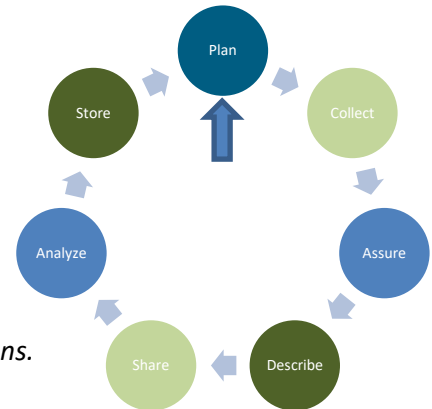




ACTION TEAM – Data Management

Terms of Reference

- 1) Develop an overall data management plan for the Program that considers the elements in the “data life cycle” depicted here:
- 2) Develop an inventory of data management resources for the Program - *both existing resources and resources that will be needed* - that addresses each of the elements in the data life cycle and considers partners and data management infrastructure. *Data storage and infrastructure needs should consider varying levels of technology needs, pricing and cost options.*



Data Policy Framework:

- 3) Develop policy recommendations on how citizen science data from the Program will be made accessible (to volunteers, researchers/scientists, managers, funders, etc.). *Recommendations should consider what level of access is appropriate for different types of projects, confidentiality concerns, and any legal mandates.*
- 4) Develop policy recommendations on how ownership of citizen science data from the Program will be determined collectively with all project participants (volunteers, researchers/scientists, managers, funders, etc.).
- 5) Develop policy recommendations on how citizen science data from the Program can be used (by volunteers, researchers/scientists, managers, funders, etc.) and how data should be cited.
- 6) Develop options for a tiered Quality Assurance/Quality Control and validation system for citizen science data collected by the Program and make recommendations for how this system might work for different levels of projects. *Recommendations should consider pricing and cost options.*
- 7) Develop recommendations for defined, minimum data standards that projects must meet in order to be considered under the Program. *Recommendations should consider the goal of data collected under the Program to be used in science (stock assessments) and/or management (Council actions).*
- 8) Determine how existing research and/or citizen science projects and data may be able to fit within the data standards developed by the Program for use in management and/or science.
- 9) Develop recommendations for short and long-term data storage options for citizen science data collected by the Program. *Recommendations should consider pricing and cost options.*
- 10) Coordinate with other A-teams as needed on developing recommendations that may be complementary to the Data Management A-Team.