

Data Management Plan of the Texas A&M Team

1. Data Sets of the Optical Properties of Oceanic Particles

The data produced during this project will be the full optical properties of various oceanic particles. In order to simulate the optical properties, the morphologies of the particles should also be defined. Thus, the specific data sets as the outcomes of the project will include 1) oceanic particle morphological parameters defined for light scattering computations, 2) the complete single-scattering properties of oceanic particles (Scattering and absorption cross sections, and Mueller matrix).

2. Data format and storage

We will use the ASCII data format to archive our data. Detailed documentation of the data will be provided. Furthermore, we will also document the data sets and the relevant technical methods through peer-reviewed publications. The data sets will be archived using computer hard drives.

3. Policies for data access and use

The data sets generated by the project will be made available to interested researchers upon request. The data sets will be provided without any financial cost to the users; however, we request that the users properly cite the source of the datasets in their publications.