**AquaWatch Work Package 3 Data Call – May 2017**

AquaWatch is developing an initial product suite for Work Package 3 – visible demonstration products of water quality parameters. The purpose of this product is to demonstrate to users today’s capability of the global community to produce water related information at global scale. This Aquawatch Demonstration product shall be based on products readily available from community members.

This product suite will include an NTU turbidity product, a Secchi disk depth product, a diffuse attenuation coefficient product, and a surface reflectance product. Absorption and scattering information will also be included where appropriate for added value and product comparability. The product will be done at three resolutions – 1 km, 300 m and 100 m. The product will be coherent globally at the 1 km level, continent or country level at 300m and regional “zoom-in” at the ≤100 m level.

The parameters in the product suite and spatial information are summarized below.

**Parameters**

* Turbidity: satellite turbidity data in NTUs
* Reflectance:satellite reflectance data in RSS
* Secchi disk depth:satellite Secchi disk data in SDD
* Diffuse attenuation coefficient: kd(X) satellite data

**Spatial resolution**

* **1 km** data at a global, continent or country level. Various time scales will be considered.
* **300 m** data at the continent or country level. Various time scales will be considered.
* **≤100 m** data at the regional level. Various time scales will be considered.

We are requesting that AquaWatch participants submit the following information about available data sets:

 1. What parameter do you have data for?

 2. What is the spatial resolution of your data?

3. What is the geographic range of your data?

4. Do you have in situ data that supports your data?

Please send your responses to carsten.brockmann@brockmann-consult.de and Emily.Smail@noaa.gov. Thank you for your participation in this important AquaWatch activity.