

Degree Confluence Project Ground-truth data of the World from IWMI (DCP-GT-World)

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The degree confluence project (<http://www.confluence.org/>) is an organized sampling of the World by Volunteers from around the Globe. The idea is to get precise GPS reading for every 1 degree by 1 degree location along with photograph and a storyline. There are about 16,000 grids of 1 degree by 1 degree, needed to complete the entire terrestrial World, of which about 4000 have been completed so far (<http://www.confluence.org/>).

The International Water Management Institute (IWMI) is putting this data in an organized standard GIS formats (Arcview). The data are first organized in [spreadsheet](#) that consists of latitude, longitude, land use type, and hot links to photographs. Data has Geographic projection with WGS84 datum. So far a total of 984 data points have been organized-that are well distributed across the Globe.

The application for the Degree Confluence Project ground-truth data of the World from IWMI (DCP-GT-World) is multi-fold and will include ground truth evaluations and accuracy assessments for land use/land cover, field reconnaissance of the world, planning tool for field missions, and natural resources assessments.

Already DCP-GT-World has been used in the IWMI's global map of irrigated area (<http://www.iwmi.org/>).

The scope for scientific use of this data is extensive given the sampling is well designed and girded by regular intervals.

The DCP-GT-World is made available for download through: www.iwmidsp.org.

Full credits to all the contributing volunteers and for the great DCP team (<http://www.confluence.org/>).