

SFD Graphs

Overview

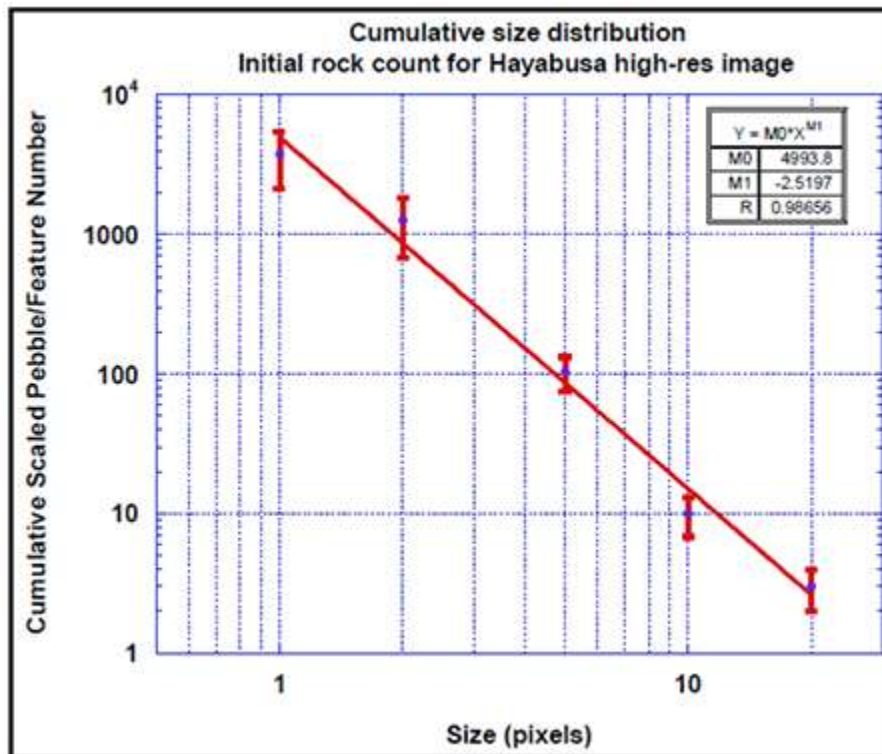
The PSFD graphs are created using standard graphing packages.

History

Initial version - 3 Dec 2013

Algorithm Description

This algorithm uses standard graphing packages to create PSFD graphs from a table of PSFD measurements extracted from the SFD database. PSFD graphs are histograms based on the diameter of the shortest dimension of each boulder, cobble or pebble vs the Cumulative number of features counted for a given size bin. The axes of the cumulative SFD are generally plotted on a log-log scale. An example PSFD graph from asteroid Itokawa is shown below.



Parameters

Input Parameters

- Data extracted from the SFD database (as a csv file)

Output Parameters

- a graph (in PDF format)