Mathematics of Planet Earth Explained

Mathematics of Planet Earth views our planet through these themes:

- Planet Earth as a **physical system**: e.g., climate dynamics, oceans, atmosphere, cryosphere, Earth, and space
- Planet Earth as a **system supporting life**: e.g., mathematical ecology, carbon cycle, food systems, natural resources, and sustainability
- Planet Earth as a **system organized by humans**: e.g., land use, energy, communication, transportation, and socio-economics
- Planet Earth as a **system at risk**: e.g., global change, biodiversity, water, food security, epidemics, and extreme events

The **SIAM Activity Group on Mathematics of Planet Earth** (SIAG/MPE) provides a forum for mathematicians and computational scientists to study our planet, its life-supporting capacity, and the impact of human activities.

Join the SIAG!

http://www.siam.org/activity/mpe/

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