Community Standards for Next-Generation Modeling

OPEN MODELING FOUNDATION

- The Open Modeling Foundation (OMF): an international alliance of modeling organizations to coordinate and administer community standards and best practices for computational modeling in the social, ecological, environmental, and geophysical sciences
- Series of strategic planning workshops 2019-2021
  - 67 organizations representing modeling science and stakeholders participated
- Formally adopted governing charter and values statement December 2021

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- Current status
  - 47 member organizations
  - Representing >10,000 modeling scientists from around the world
- Elected International Excutive Committee
- Now organizing working groups: membership open
- Supported by the

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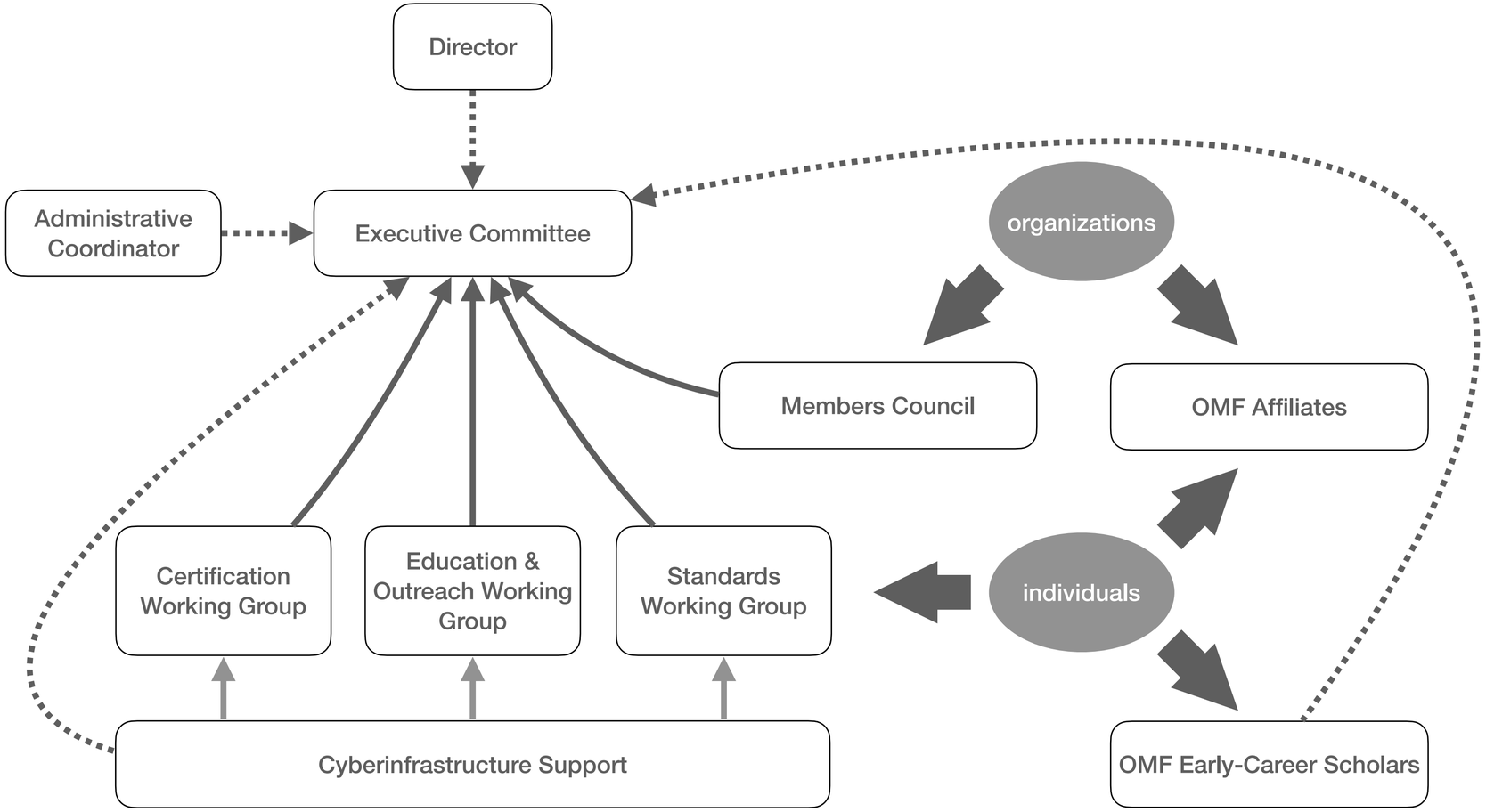
Open Modeling Foundation: Organization & Membership



Community Standards for Next-Generation Modeling

OPEN MODELING FOUNDATION

- The Open Modeling Foundation (OMF) is an international open science community that works to enable the next generation modeling of human and natural systems. The Open Modeling Foundation is an alliance of modeling organizations that coordinates and administers a common, community developed body of standards and best practices among diverse communities of modeling scientists. It also provides informational, data, and technological resources to facilitate the implementation of common standards and best practices among the scientific communities it serves.

- The OMF endeavors to accelerate modeling science by making models more easily discoverable and globally accessible. It also develops and administers a suite of common standards and technology for model reusability, reproducibility, and interoperability.The OMF also promotes the recognition of those who endeavor to apply these standards and best practices through the ethical practice of fully citing models and model authors, whenever their work is used by others.

- From OMF Charter: https://openmodelingfoundation.github.io/governance/charter/

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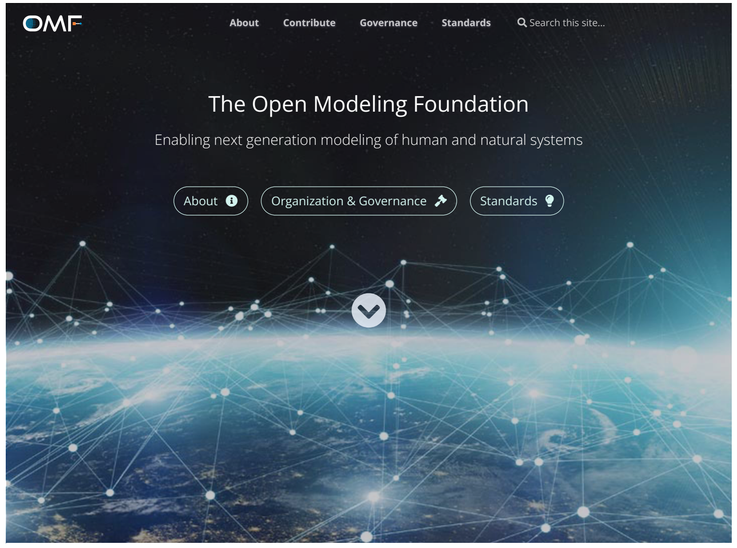

The Open Modeling Foundation is an alliance of modeling organizations that coordinates and administers a common, community developed body of standards and best practices among diverse communities of modeling scientists.

How to Participate

You can contribute to OMF activities as a representative of a member organization or as an individual in a Working Group.

How to contribute ...

Community

The OMF community is committed to providing a welcoming, civil and constructive environment to improve modeling science.

Read more ...

Latest updates

Follow the latest in OMF developments on our GitHub repository and GitHub discussion forums.

Read more ...

This work was enabled in part by support from WestGrid, Compute Canada and the Alfred P. Sloan Foundation.

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Member Organizations and Representatives