WSSSPE

Mission

purpose

Vision

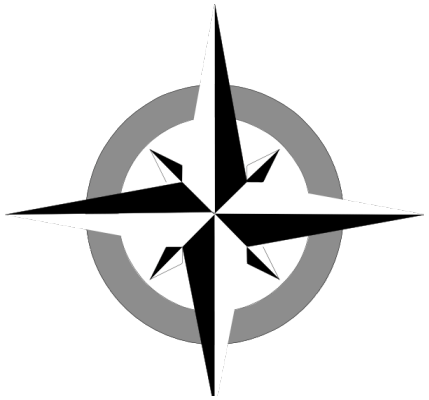
future

goals

Focus Areas

principles

Core Values



Mission

Elements:

- answers why the organization exists
- clear and straight to the point, short and simple
- provides benefits and value to stakeholders
- Realistic !

Vision

Elements:

- answers where we want to be in the future

EXAMPLES

CIG COMPUTATIONAL INFRASTRUCTURE for GEODYNAMICS

Mission

The Computational Infrastructure for Geodynamics (CIG) is a community-driven organization that advances Earth science by developing and disseminating software for geophysics and related fields.

Vision

We aspire to accelerate the understanding of the dynamical properties of the Earth and Earth-like systems by providing innovative methods, resources, and technologies **enabling research from core to crust**, and beyond.

We provide leadership in computational geophysics and drive paradigm shifts and fundamental changes in geoscience by addressing challenges in **multi-disciplinary** science and creating a broad-based community whose **research and pedagogy** are fundamentally based **in modeling** and **computation**.

geodynamics.org

EXAMPLES

UNAVCO

Mission

We challenge ourselves to transform human understanding of the changing Earth by enabling the integration of innovative technologies, open geodetic observations, and research, from pole to pole.

Vision

In order to advance understanding of Earth processes, two major scientific challenges face UNAVCO's research and education community:

To understand the dynamic evolution of the lithosphere, cryosphere, hydrosphere, and atmosphere on temporal scales spanning seconds to millennia.

To investigate the processes that control natural hazards, including earthquakes, tsunamis, volcanic eruptions, and long term changes in climate, ice mass, global sea level, and coastal subsidence

https://www.unavco.org/

EXAMPLES

Vision

Interoperable Design of Extreme-scale Application Software

The IDEAS Project is intent on improving scientific productivity by qualitatively changing scientific software developer productivity, enabling a fundamentally different attitude to creating and supporting computational science and engineering (CSE) applications.

ideas-productivity.org

Mission

The Argonne Leadership Computing Facility's (ALCF) mission is to accelerate major scientific discoveries and engineering breakthroughs for humanity by designing and providing world-leading computing facilities in partnership with the computational science community.

www.alcf.anl.gov/about

Straw Horses: Mission

A. The WSSSPE community promotes sustainable software by addressing challenges related to the development, deployment, and maintenance of open use research software through shared learning and community action.

B. WSSSPE is a community-driven organization that works to improve the sustainability of open use research software, by collecting, studying, refining and promulgating relevant practices that apply either directly to the software or indirectly to the people, tools, and systems that manage, develop, and maintain it.

Straw Horses: Vision

We aspire to support the human capital necessary to sustain open use software by promoting:

- interdisciplinary interactions to actively engage peer learning;
- leadership to identify challenges and drive changes;
- recognition of research software as an intellectual contribution equal to other research results such as papers and data, recognizing individual contributions;
- creating career paths for research software engineers
- Others ???

VOLUNTEERS ?

Your TASK …

- Who are our stakeholders?
  - What benefits and value is the organization to them?
- What is our purpose?
  - If successful, what does the future look like, Vision?
  - Is this consistent with our Core Values and Focus Areas and Strategic Objectives?
- How do we define “sustainable software”?