

# Appendix B: Industrial Advisory Board Charter

## Overview

AI2ES (the “Institute”) is a convergent center that will create trustworthy AI for environmental science, revolutionize prediction and understanding of high-impact weather and ocean hazards, and benefit society by protecting lives and property. The Institute’s partnerships involve multiple academic institutions, NCAR, NOAA, and private industry that spans the full cycle of fundamental research into trustworthy AI and enables rapid integration of trustworthy AI for increased societal impact. Industry’s focus at the Institute is facilitating and transferring research into operations; nurturing workforce development programs where students and researchers can train, gain skills, and receive job placement in industry; contributing to the research in trustworthy AI; and promoting knowledge transfer and solutions for societal benefit. The Institute established the Industry Advisory Board (IAB) to assist in governing industry involvement with the Institute and its partners as well as provide industry an opportunity to shape the Institute’s goals, objectives, and metrics and measurements for highest return on government and industry investments.

## Mission

Facilitate and advise the Institute on governing industry involvement, implementing industry-specific strategy, and promoting research to operations activities and outcomes.

## Objectives

- Drive and shape industry goals and objectives within the Institute’s Strategic Plan.
- Facilitate mechanisms and opportunities for industry, academic, and government collaboration.
- Define industry metrics and measurements for success at the Institute.
- Brief industry activities to highlight progress and project outcomes.
- Outline research to operations (R2O) activities at the Institute while advancing efficacy of R2O outcomes and knowledge transfer.
- Promoting opportunities for workforce development to include internships, training, mentoring, and full-time job placement.
- Ensuring effective governance of industry membership to maximize the benefit to the Institute and society.

## Membership

The IAB is co-chaired by two university principal investigators (University of Oklahoma and University at Albany) with no more than 6 industry representatives from each of the industry members of the Institute, totaling a max of 8 IAB members. Each of the founding industry members, Google, IBM, NVIDIA, and Disaster Tech, will provide at least 1 representative for the IAB. University and industry members must provide at least 60 days notice of a departure of a representative and submit nominations

for replacement within 30 days of the notice. The Institute, with advice of the IAB, reserves the right to select or reject nominees with proper justification and notice to nominating members.

Other industry organizations and companies may have interest in joining the Institute to participate in Institute activities including the IAB. Prospective industry organizations and companies wishing to join the Institute will contact the Chairs (or the Chairs' designated representative) and will be required to submit an onboarding proposal with justification and summary of how the prospective industry member will contribute to the Institute's goals and objectives. The IAB reserves the right to select or reject industry nominees with proper justification and notice to nominating members. In addition, the NSF has the authority to decide the membership or appropriate role of new industry members beyond the IAB's control.

## Meetings

The IAB will hold at least bimonthly meetings, and the Chairs of the IAB can call additional special meetings as needed. The Chairs will provide at least 72 hours' notice for special meetings to allow members to coordinate calendars. Meetings can be held virtually or in person, and each member is responsible for funding travel required for meetings. Meeting minutes will be recorded for each meeting and stored in the Institute's shared drive. Meeting participants should avoid sharing proprietary and confidential information as the minutes and discussions are subject to Freedom of Information Act regulations.

## Policies

The overall engagement between industry and the Institute is governed by the Institute's strategic plan. Intellectual property produced through the Institute is governed by the Institute's Intellectual Property (IP) agreement where it is the rule that IP and technologies created are open source for maximum societal benefit and access. Industry and Institute members may create separate agreements from time to time on funding, IP assignment, and management of resources, which will be considered a separate agreement outside of the Institute although must tie back to the Institute strategic goals and objectives. IAB will follow all applicable NSF and Federal regulations as required.