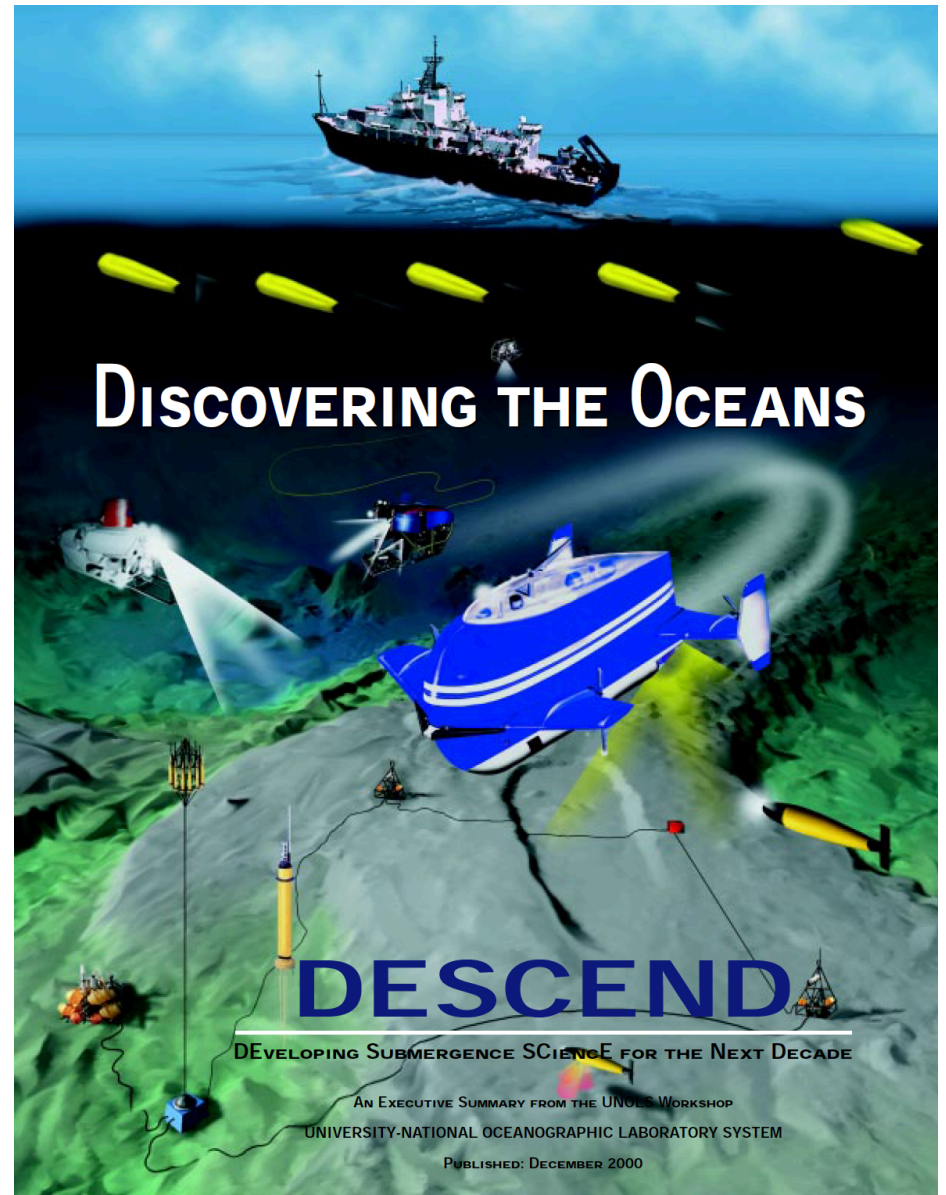


# DESCEND2: the deep workshop

*DESCEND workshop was held on October 25-27 1999, prompted by the need to define:*

- the critical scientific goals for the submergence community*
- the technological directions that will be required to take submergence research into new realms of discovery in the coming decades.*



# DESCEND2: the deep workshop

*DESCEND2 aims to follow this model, though with some modifications*

*DESCEND2 goals: In the context of the key scientific goals identified by the community PRIOR to the DESCEND meeting, this workshop aims to*

- Identify the extent to which existing resources can be better utilized to address the scientific objectives*
- Define the ways in which existing technologies could be modified or adapted to better address the scientific objectives*
- Suggest how federal, non-profit, and industry entities might work together to facilitate discoveries that might otherwise be impractical.*

# DESCEND2: the deep workshop

*What I would like us to do is to discuss*

- *Whether these are the three most appropriate goals*
  - *If not, please make suggestions to refine to replace*
- *The ideal schedule / format for this meeting*
- *The products of this meeting*

# *“Strawman” schedule*

## **Pre-workshop**

*Identify the critical scientific goals in deep sea research.*

- Via the UNOLS mailing list, ask scientists to identify their area(s) of expertise, and their most pressing questions*
- Distill those comments into representative remarks and post for comments*
  
- Via ??? mailing list, ask engineers to identify their area(s) of expertise, and their most pressing questions*
- Distill those comments into representative remarks and post for comments*

**QUESTION: What else can we do pre-workshop to maximize the efficacy of the workshop?**

# *“Strawman” schedule*

## **Day 1: Science needs**

*Welcome/Introductions/Charge to Participants/Ground rules*

*Breakout Sessions to discuss specific challenges*

- *Ridge systems*
- *IODP*
- *The Abyss/Open Ocean*
- *Margins*
- *Shelf, Coastal*
- *Polar*

**Lunch**, then *Plenary Session, where each session’s leader will provide a brief bulleted summary of their respective session.*

## **Break**

*Open discussion, then **Adjourn Day One***

## Day 2: Tech presentations

### *Overviews of*

- *current / prototype vehicles (HOV, ROV, AUV, UAV)*
- *current / prototype sensors*
- *current / prototype fixed assets (CORKs, observatories)*

*Technological Breakout Sessions: how do these technologies apply to scientific questions*

**Working Lunch**/ Plenary Session – *Each session leader will provide a brief bulleted summary of their respective session.*

### *Break*

- *Discussion of agency coordination (?)*
- *Open discussion?? **Adjourn day two??***
- *Does a sub-group meet on Sunday again, after DeSSC?*