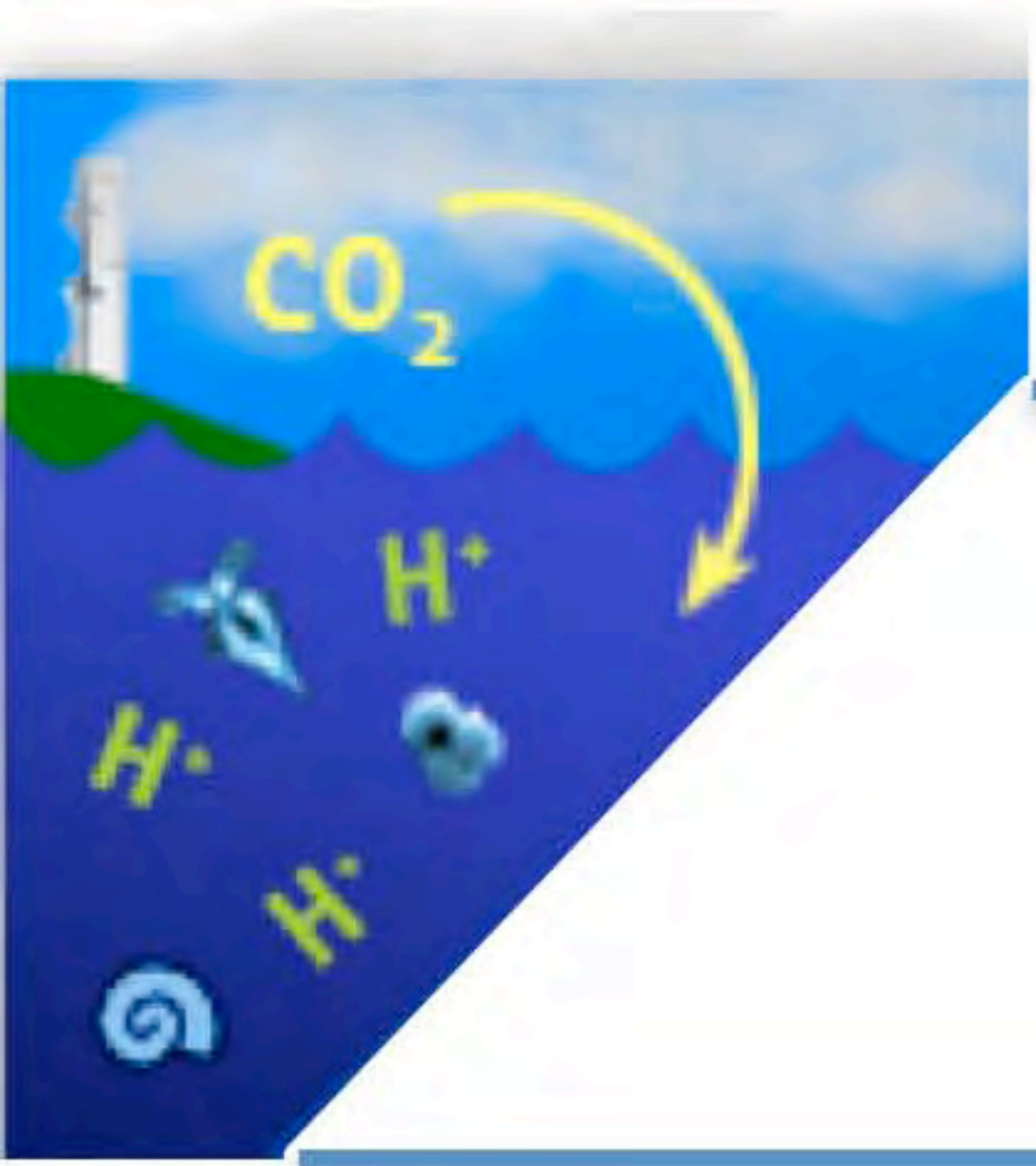




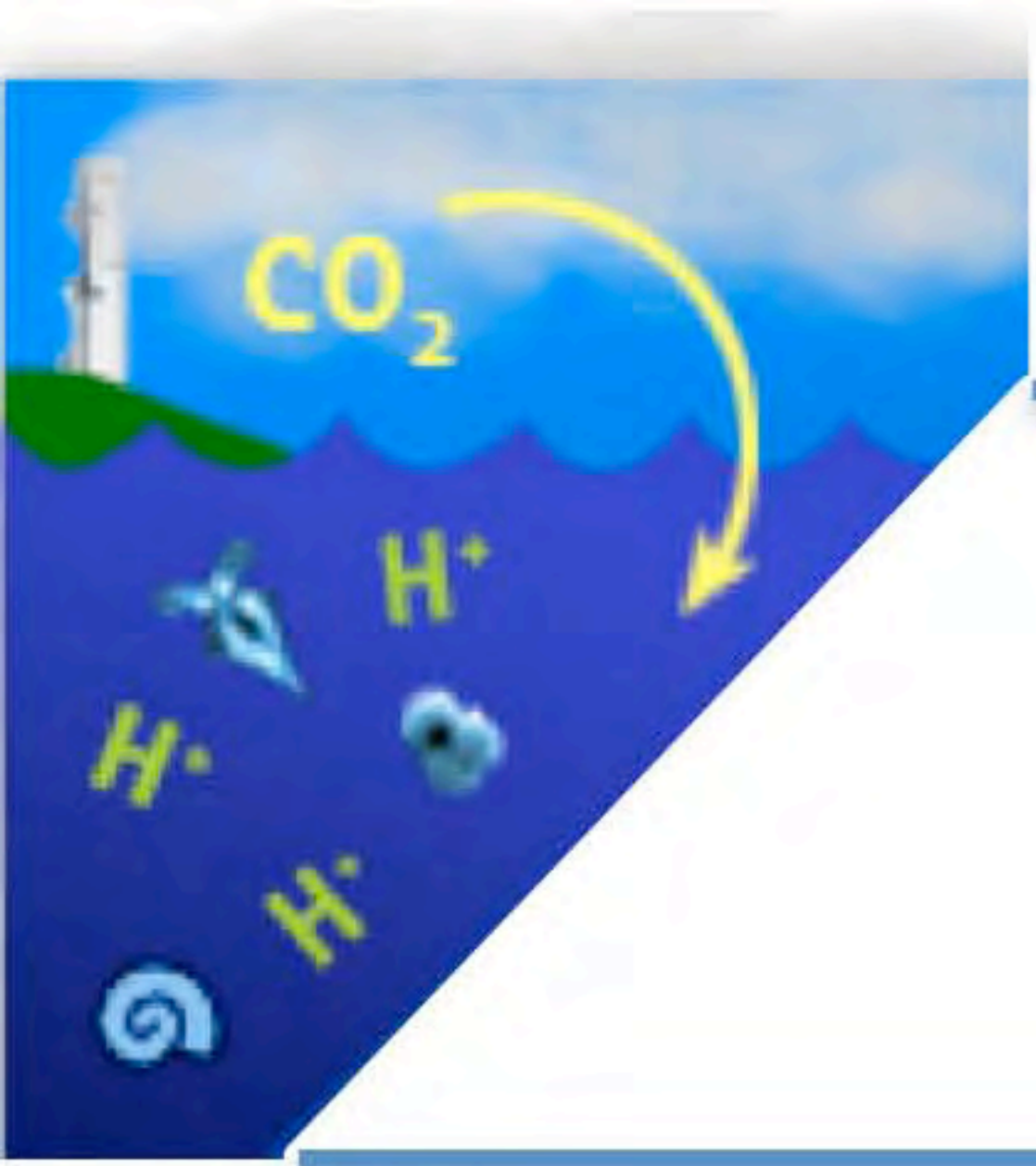
1st Ocean Acidification Workshop for Principal Investigators (OAPI)



LOGISTICS

- Parking, shuttles, etc.
- WiFi (OAPI)
- Meeting materials
- Posters, reception, dinner
- Sign-up sheet for sharing cars to airport
- Volunteers
- Meeting etiquette
- Mary Zawoysky
- Heather Benway



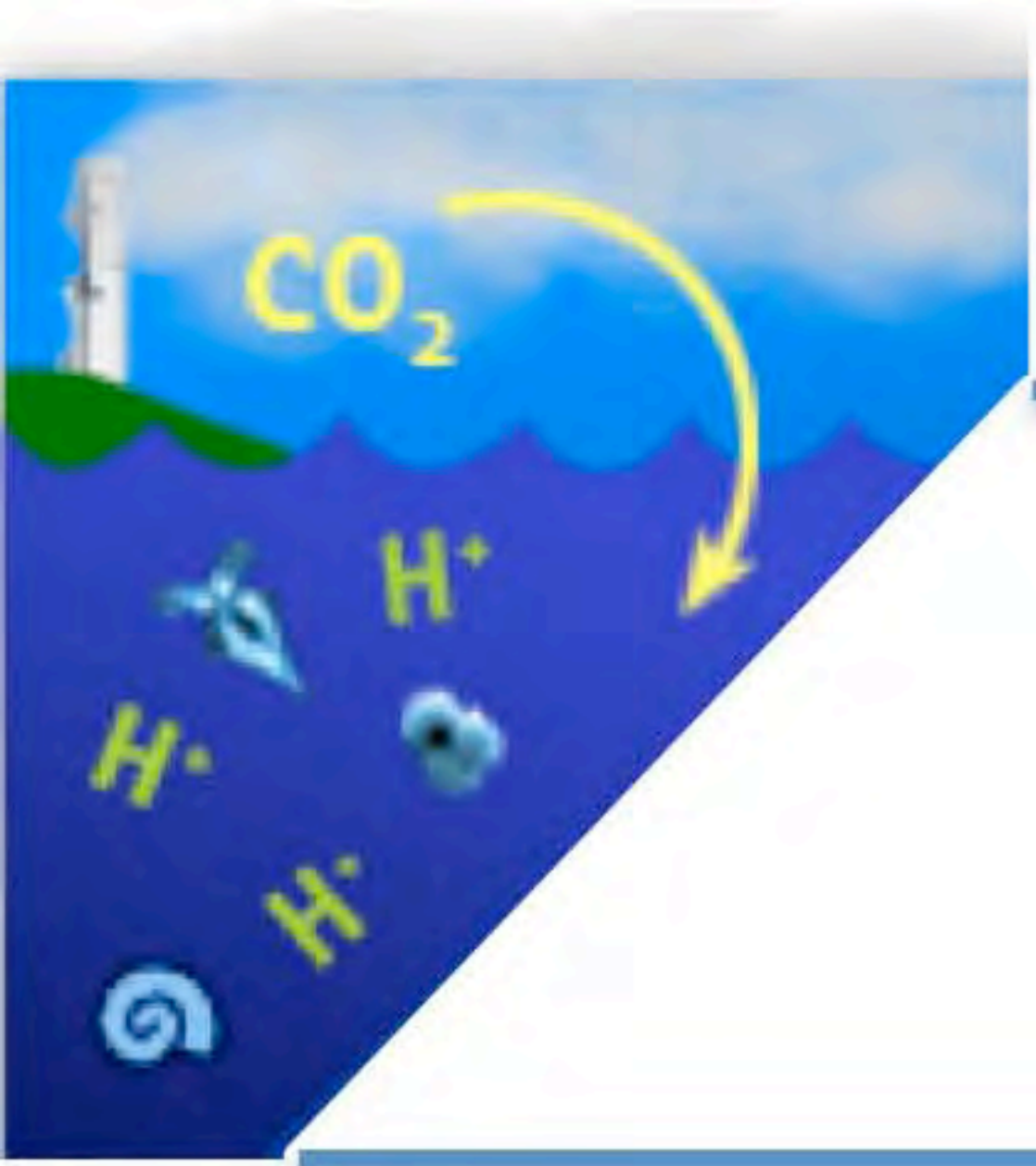


WELCOME

1st Ocean Acidification Workshop for Principal Investigators (OAPI)

“Opie”

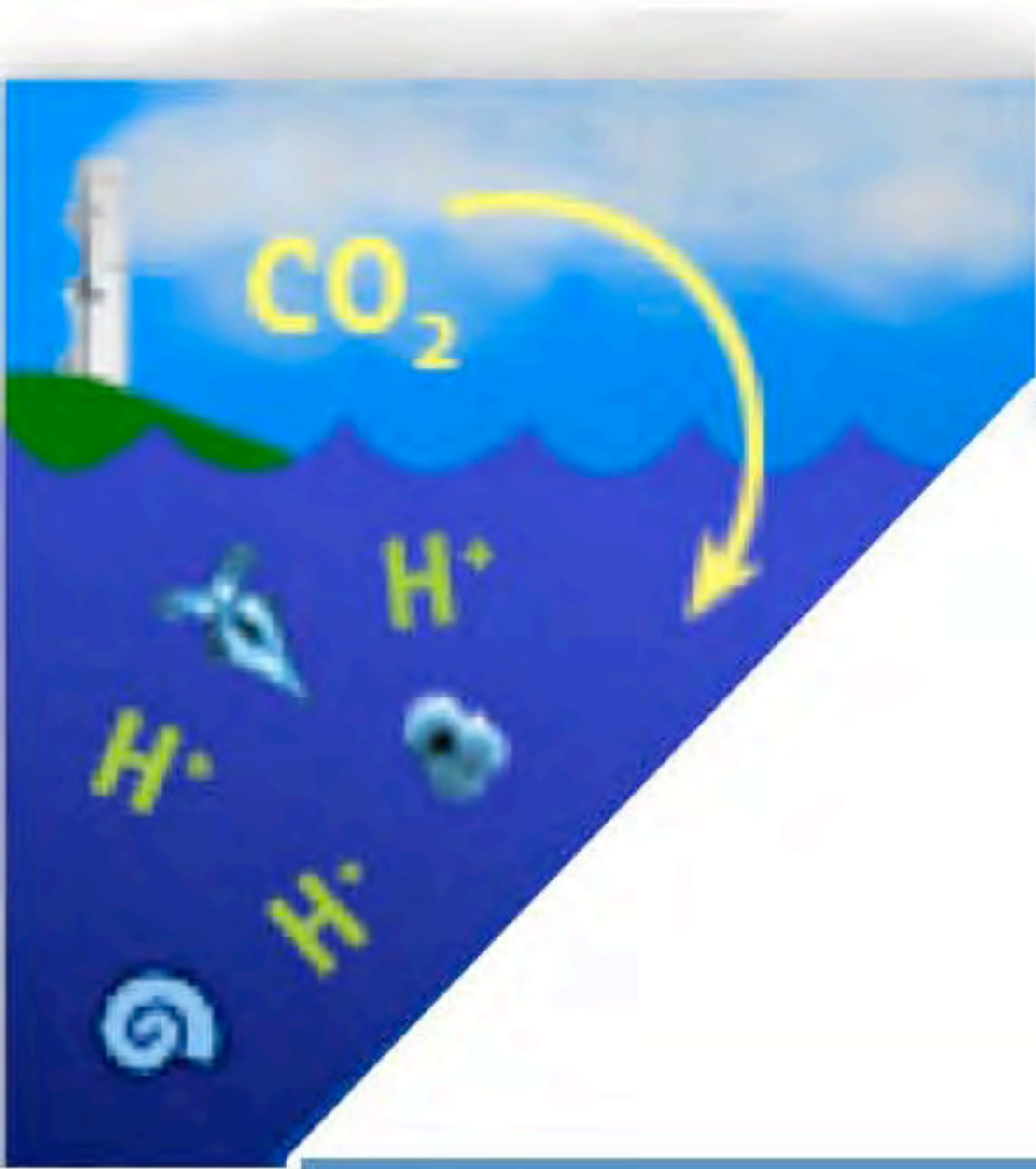




At Last!

Milestones in U.S. Ocean Acidification Research

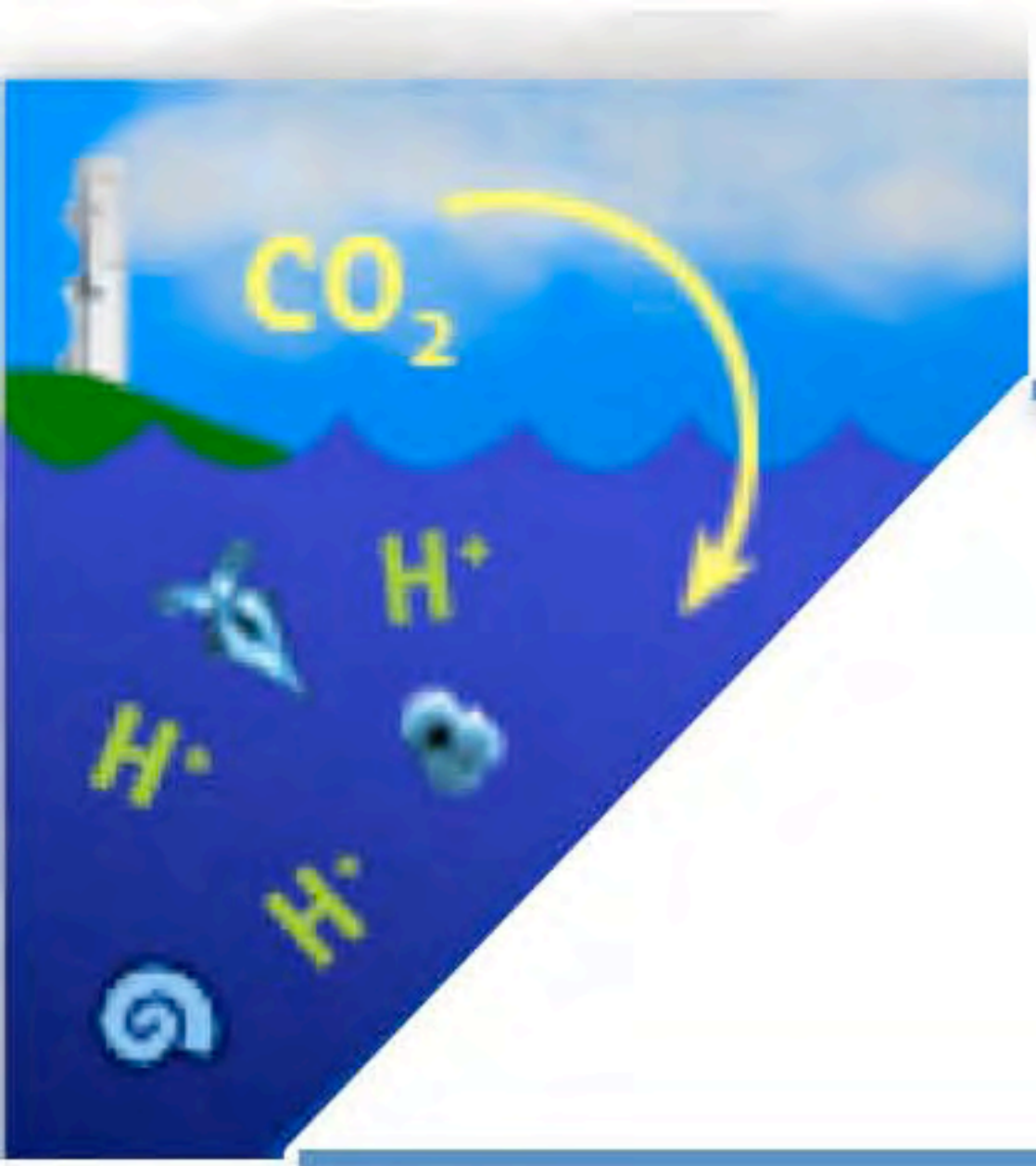
- 2004 The Ocean in a High CO₂ World I
- 2005 First Workshop on OA, St Petersburg, FL
- 2007 OCB Scoping Workshop on OA, Scripps
- 2007 NASA encourages proposals to address OA
- 2008 OCB OA Subcommittee formed
- 2008 The Ocean in a High CO₂ World II
- 2008 OCB Short course on OA
- 2009 FOARAM Act is signed by President Obama
- 2009 EPA addresses OA within the Clean Water Act
- 2010 JSOST forms the Interagency Working Group on OA
- 2010 PAGES-NSF Workshop on Paleo-ocean Acidification
- 2010 NSF Program Solicitation 10-530 for OA research
- 2010 NSF Workshop: Evolution & Climate Change in the Oceans
- 2011 First OA Principal Investigator's Meeting**
- 2012 The Ocean in a High CO₂ World III



THANK YOU

NSF	Phil Taylor, Roberta Marinelli, Dave Garrison, Don Rice, Greg Warr
NOAA	Ned Cyr, Ken Mooney, Libby Jewett, Dick Feely
NASA	Paula Bontempi & Fred Lipschultz
USGS	Lisa Robbins
EPA	Bill Fisher, Christine Ruf
BOEMRE	Mary Boatman
Navy	Courtney St. John
USFWS	Bret Wolfe & Andrew Gude

Ocean Carbon and Biogeochemistry Program
The organizing committee for this meeting
All of you



Special Welcome

Nathan
Garcia



Christina
McGraw



Grace
Saba



Samantha
Siedlecki

Shanlin
Wang



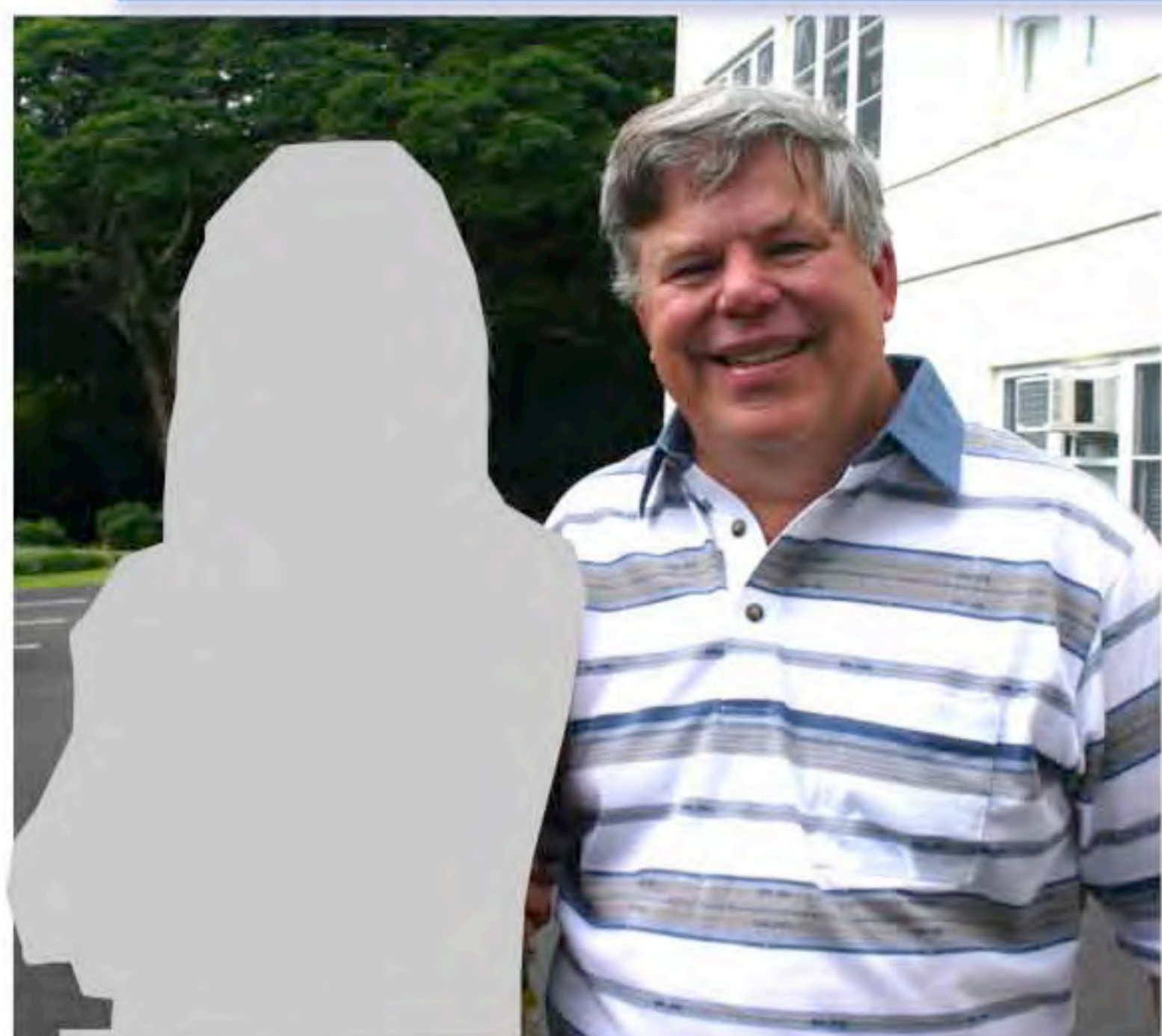
Aradhna
Tripathi



Pauline
Yu



OCB Ocean Acidification Subcommittee



Kleypas & Feely

Joanie Kleypas

NCAR (co-chair)

Dick Feely

NOAA (co-chair)

Sarah Cooley

WHOI

Barney Balch

Bigelow Marine Lab

Scott Doney

WHOI

Vicki Fabry CSU-San Marcos

Jean-Pierre Gattuso CNRS/France

David Hutchins USC

Chris Langdon RSMAS/Univ. Miami

Lisa Robbins USGS

Richard Zeebe Univ. Hawaii



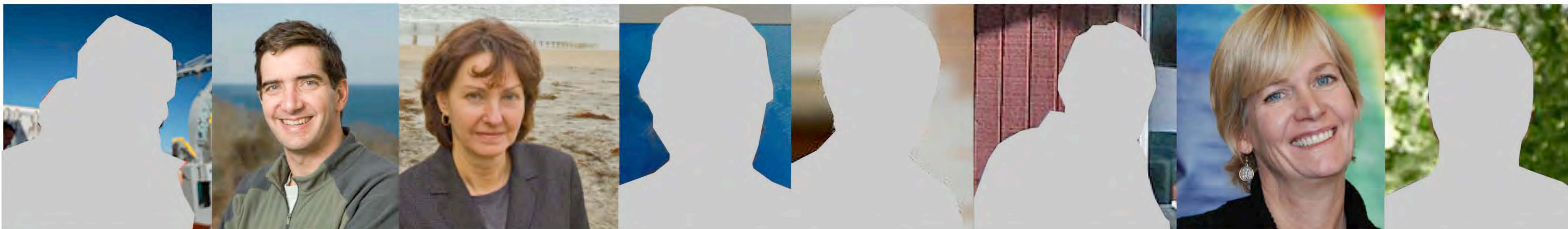
New member



Cooley



New member



Balch

Doney

Fabry

Gattuso

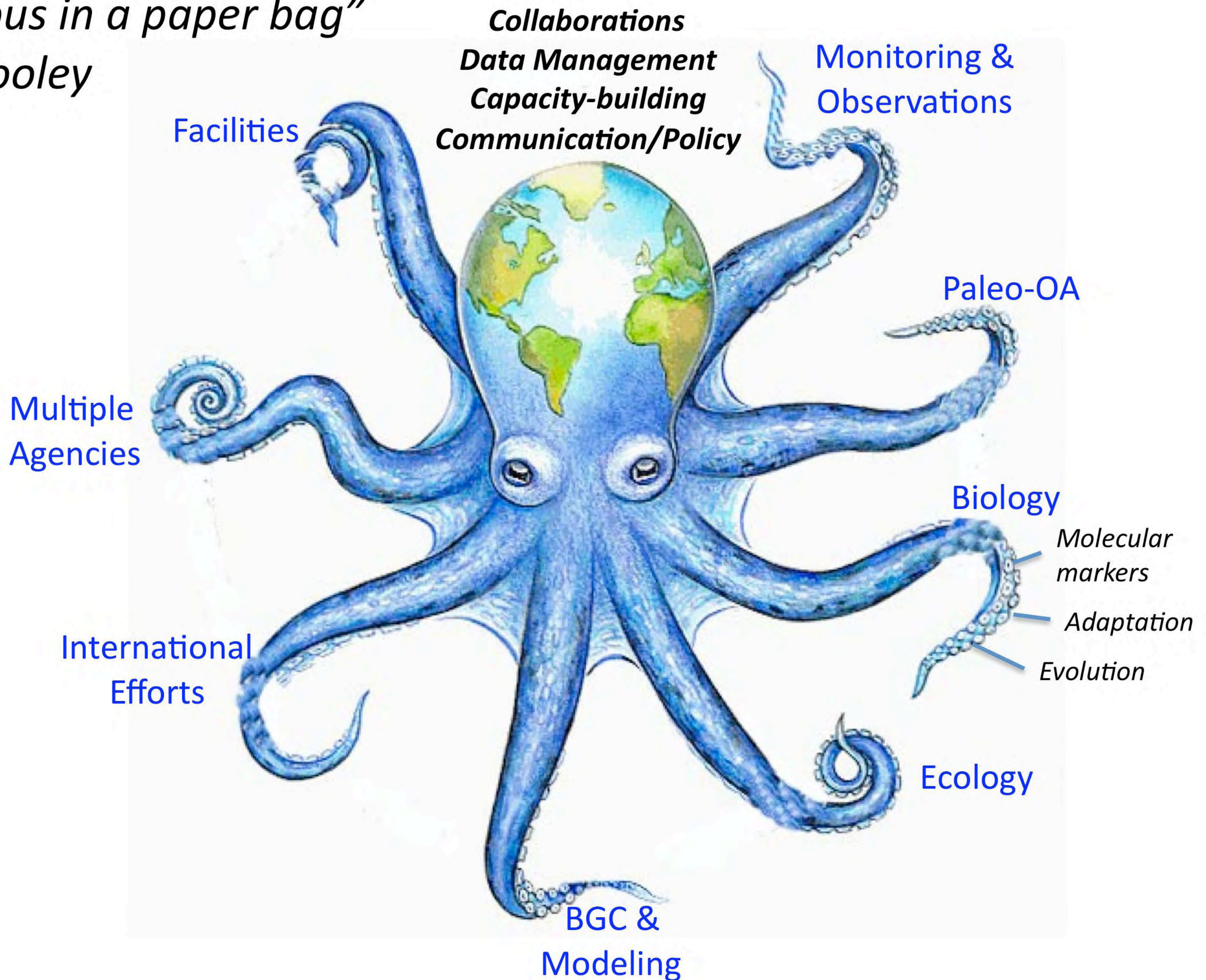
Hutchins

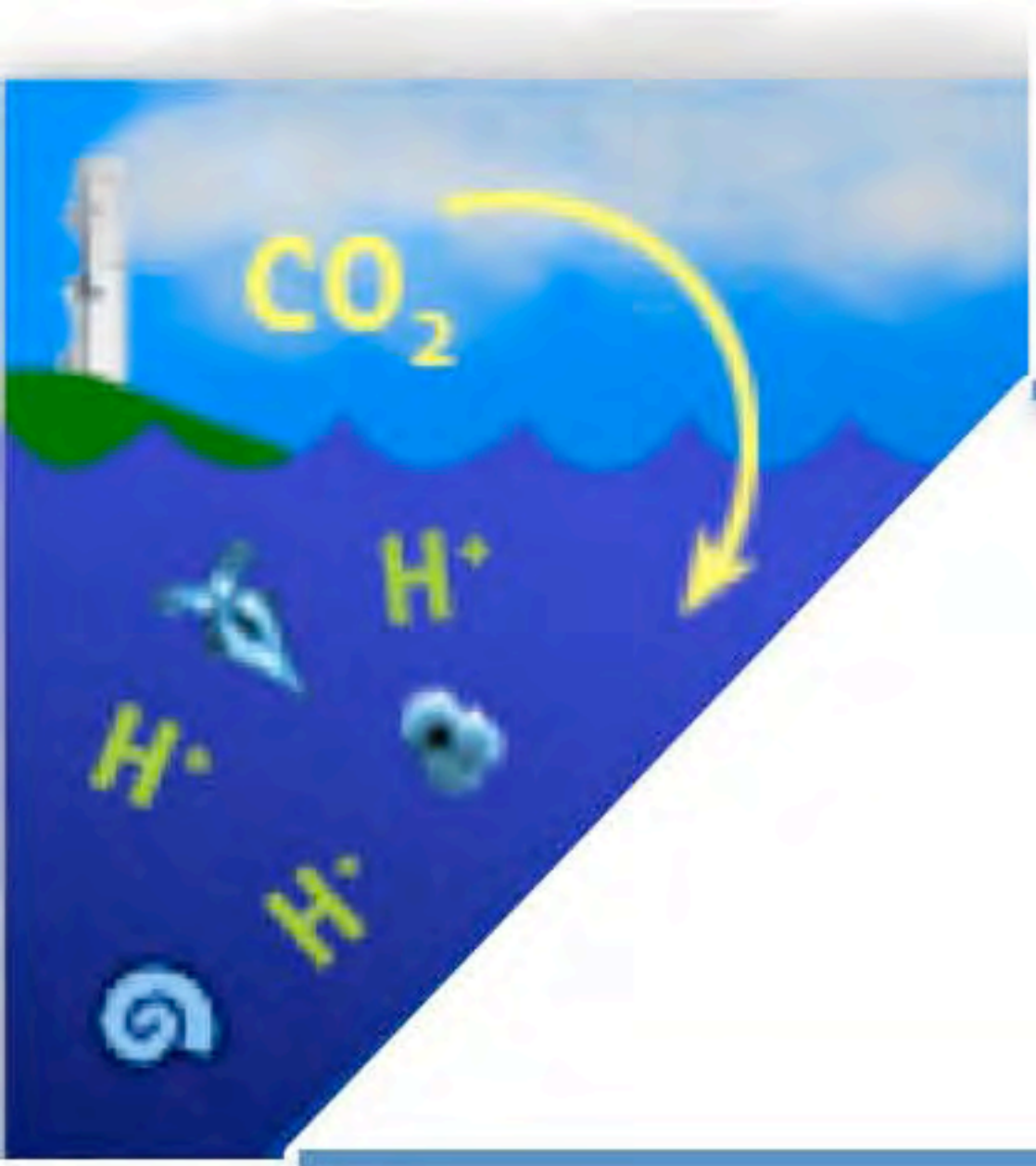
Langdon

Robbins

Zeebe

“...like trying to put an octopus in a paper bag”
– S Cooley





Goals of the Meeting

Collaborations:

Strengthen scientific collaboration and minimize duplication of effort

Capacity-building:

Build capacity for improving OA research

Research Goals:

Identify short & long-term research goals

Data Management:

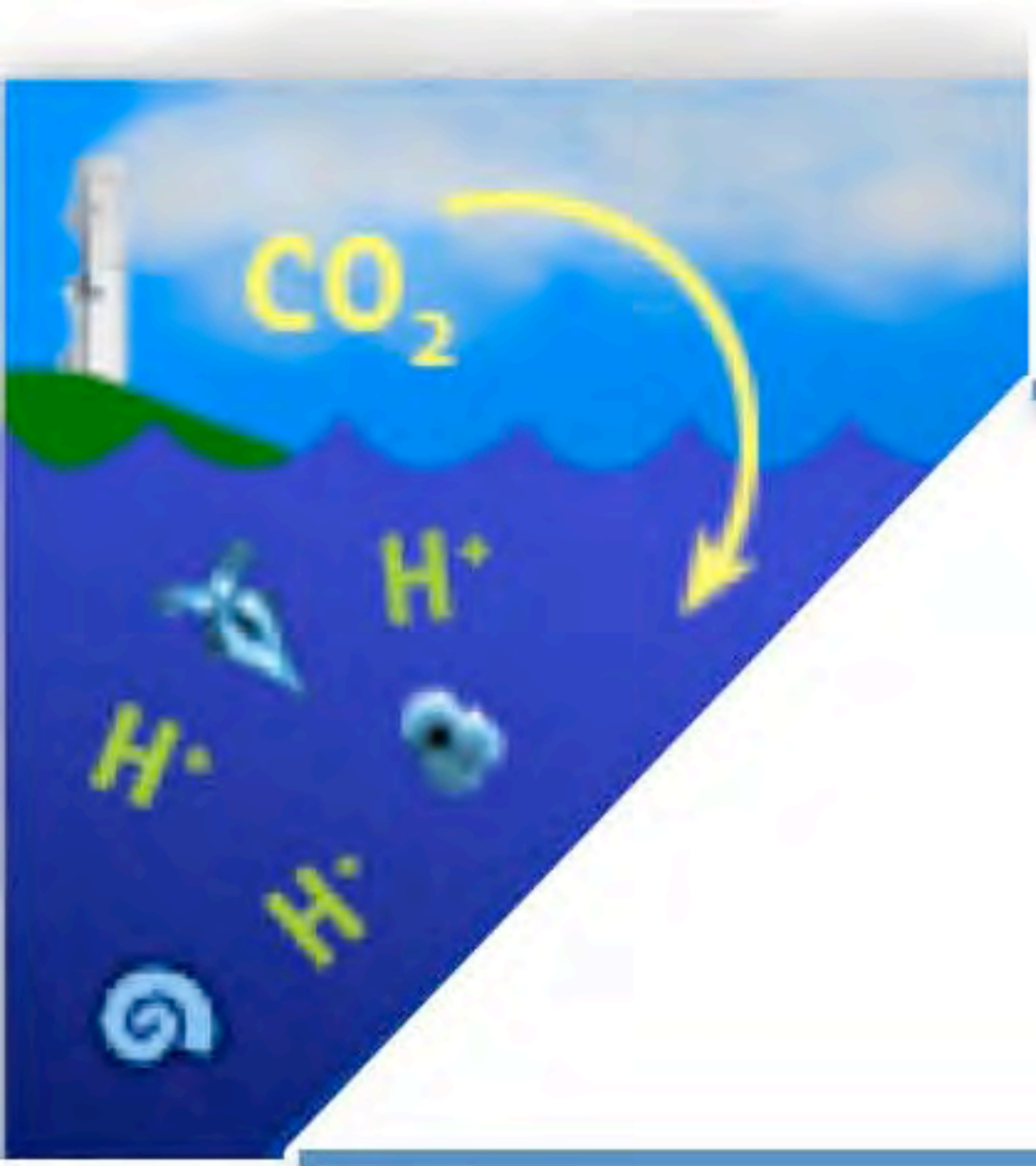
Promote effective data management

Communication:

Enhance communication with the public

OCB-OA:

Solicit feedback to guide future OCB-OA activities



Expected Outcomes

Collaborations:

OA registry – who is doing what; improve on CURRENT research; increase collaboration across labs and disciplines

Capacity-building:

Bring “new” researchers, early career scientists into the fold; activities such as the OA Short course, workshops, data collection, etc

Research Goals:

Community-acquired research goals; what are the exciting, challenging, necessary new avenues?

Data Management:

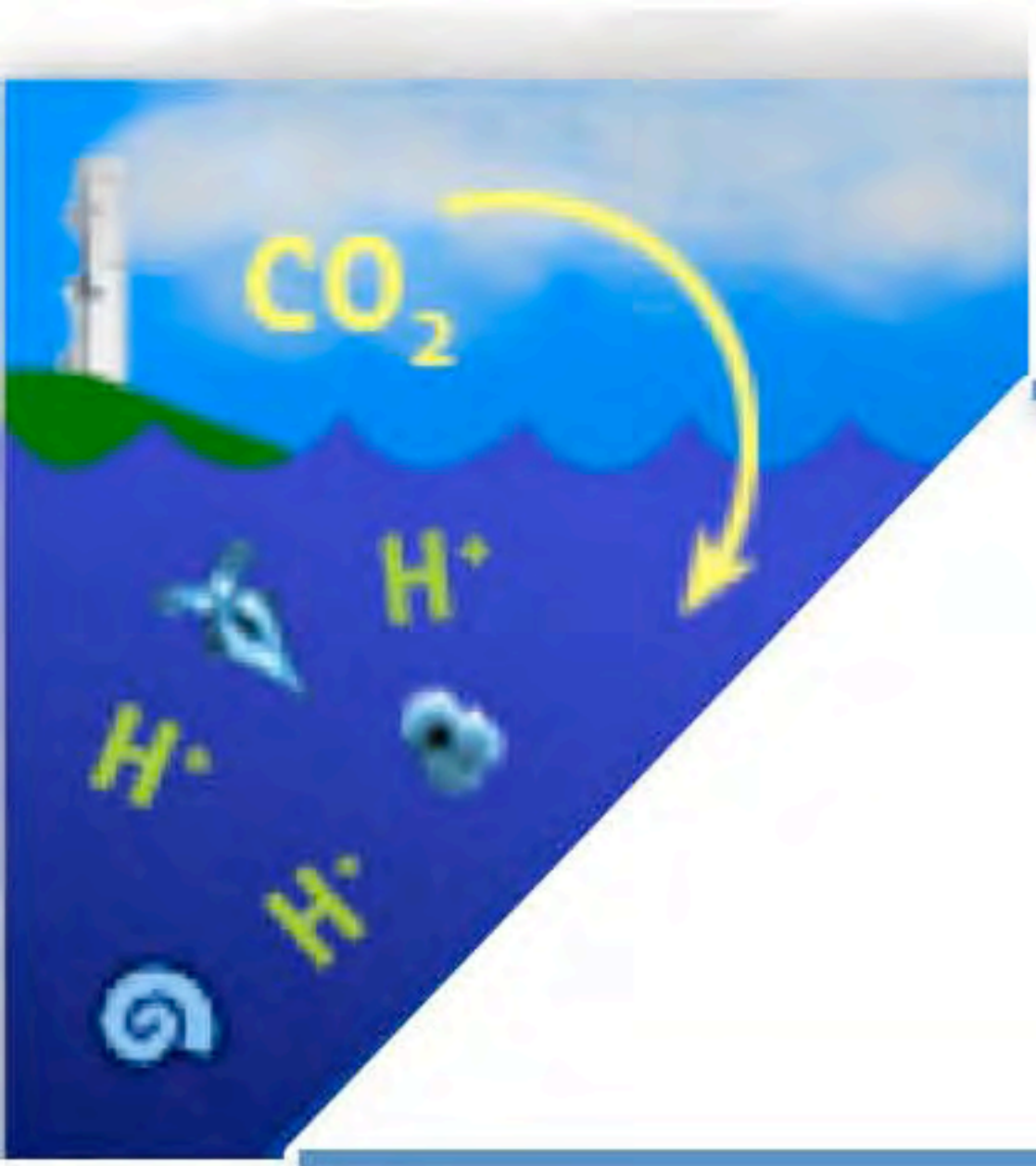
Everyone will be aware of this important aspect

Communication:

Aware of ongoing communication activities; ideas about how to make the most of our science in terms of policy and public awareness

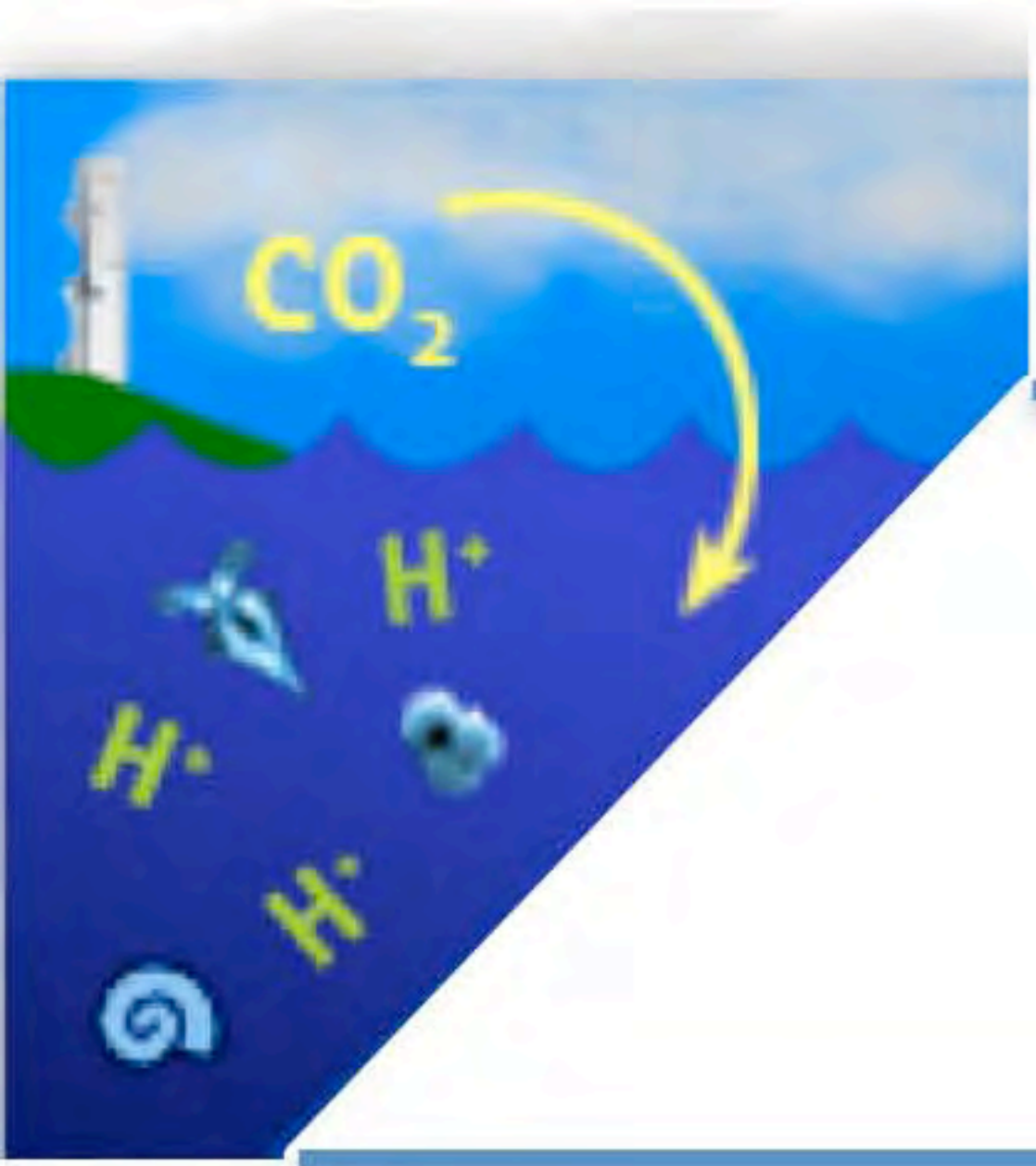
OCB-OA:

OCB-OA activities better defined; New members for the OA-Subcommittee



Themes of the Meeting

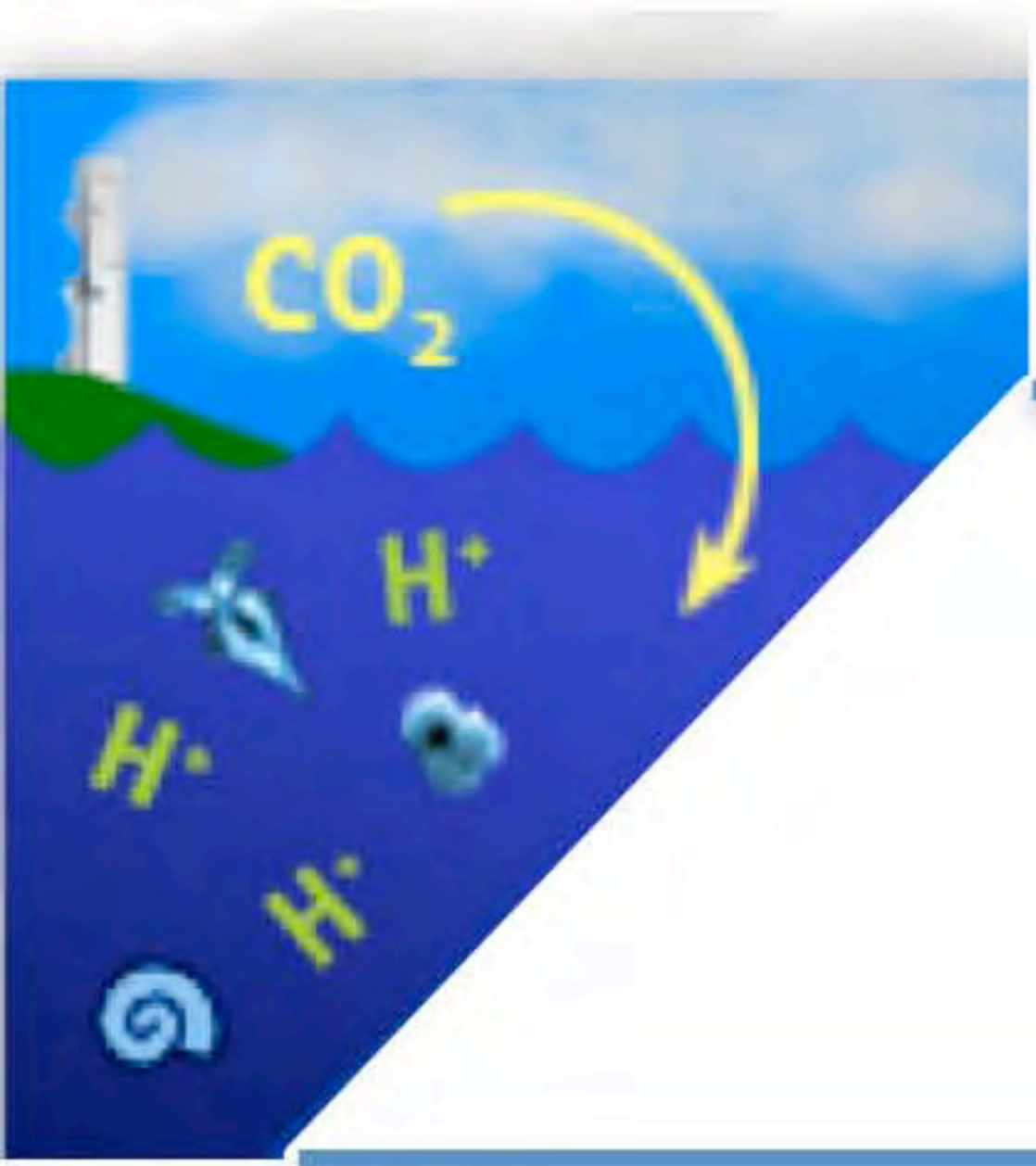
Paleo & Proxies / Paleomodeling	Heather Benway
Observations & Monitoring	Lisa Robbins, Dick Feely, & Chris Sabine
Physiological Responses	Joanie Kleypas & Gretchen Hofmann
Ecology & Systems Biology	Chris Langdon
Biogeochemistry & Modeling	Sarah Cooley & Cindy Lee



Structure of the Meeting

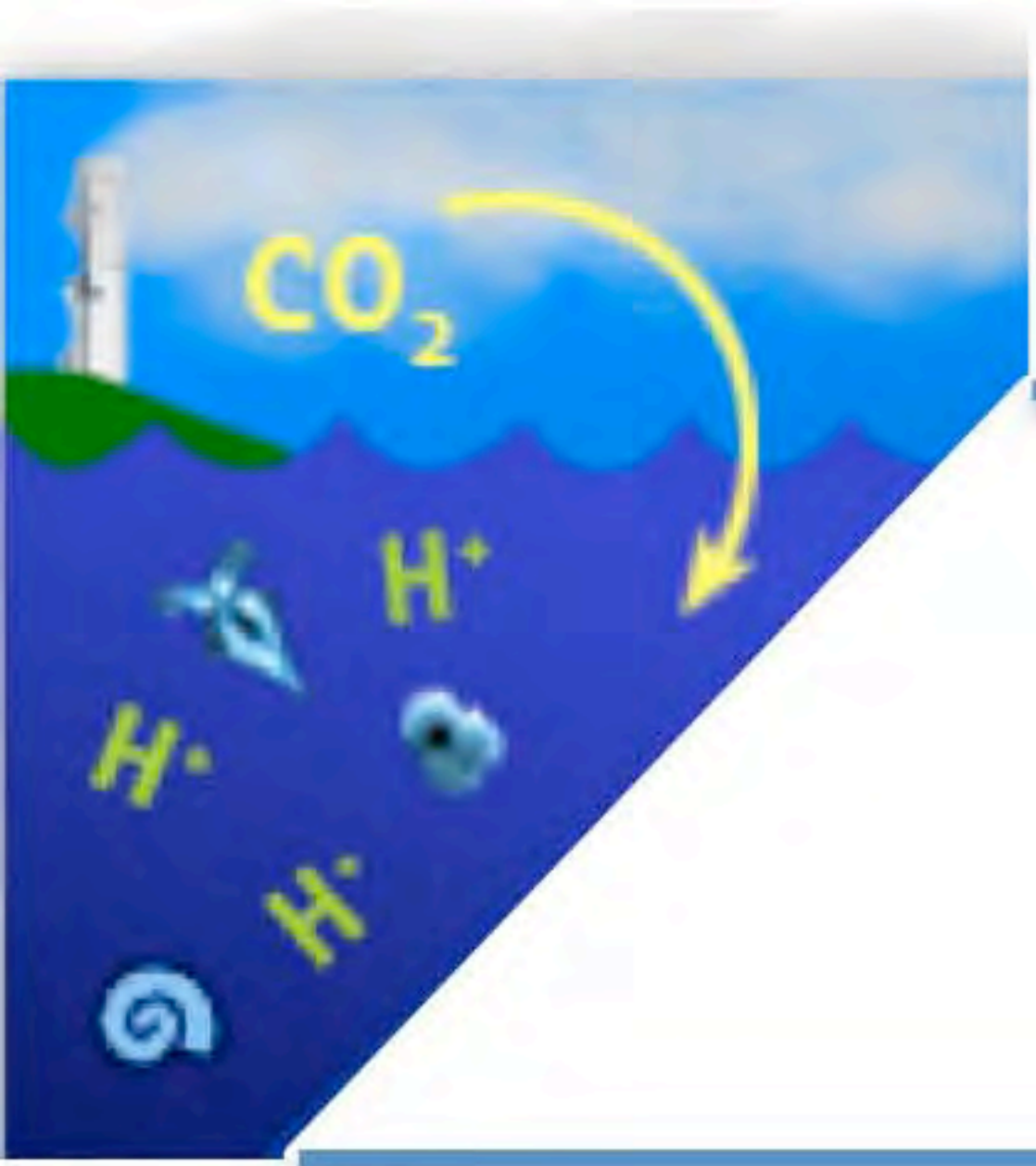
Each theme:

- Plenary – state of the science
- Synthesis Talks – currently funded research
(apologies in advance!)
- Panels – building on these activities
- BOGs – where do we go from here?
- Plenary Discussions

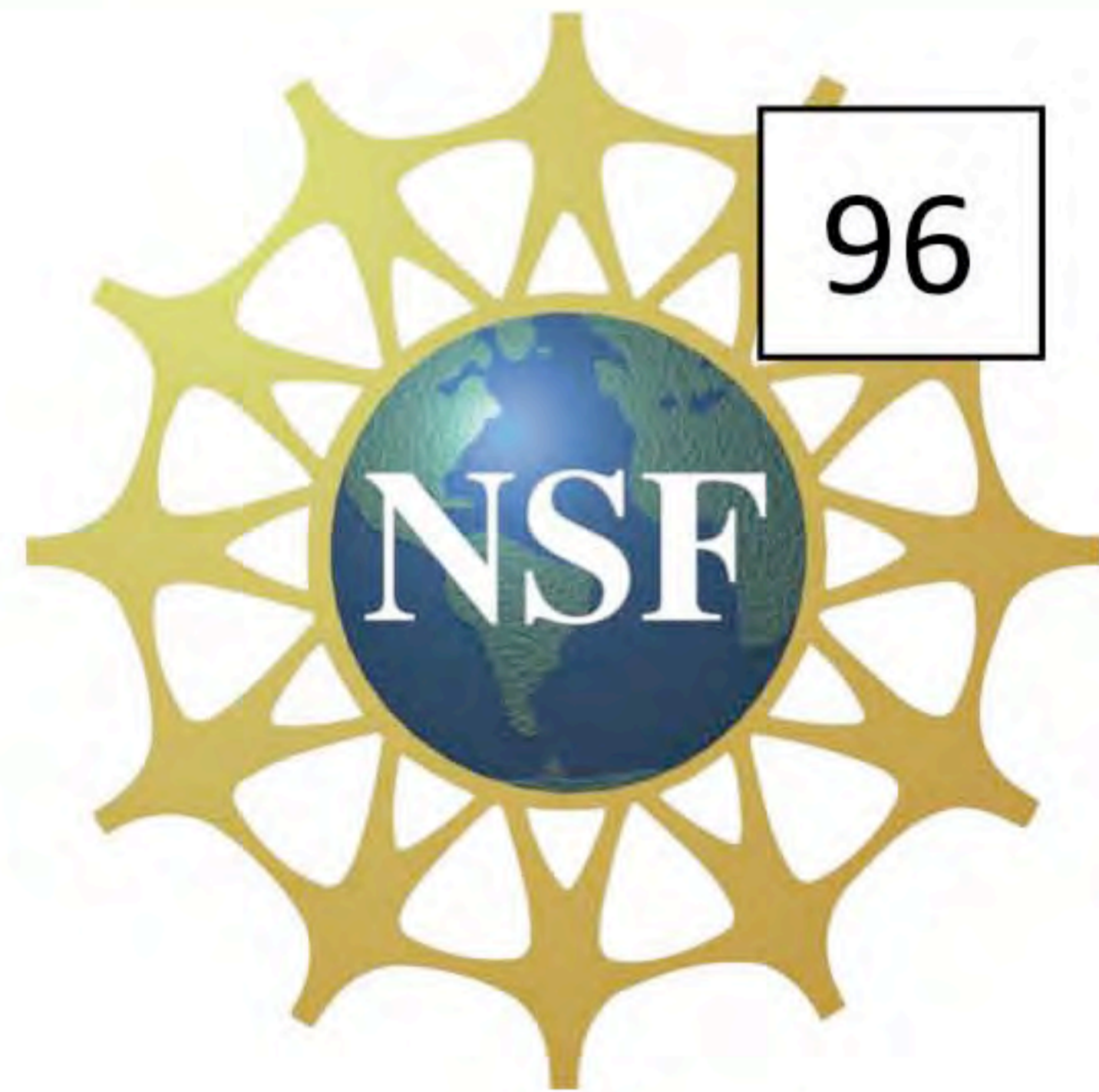


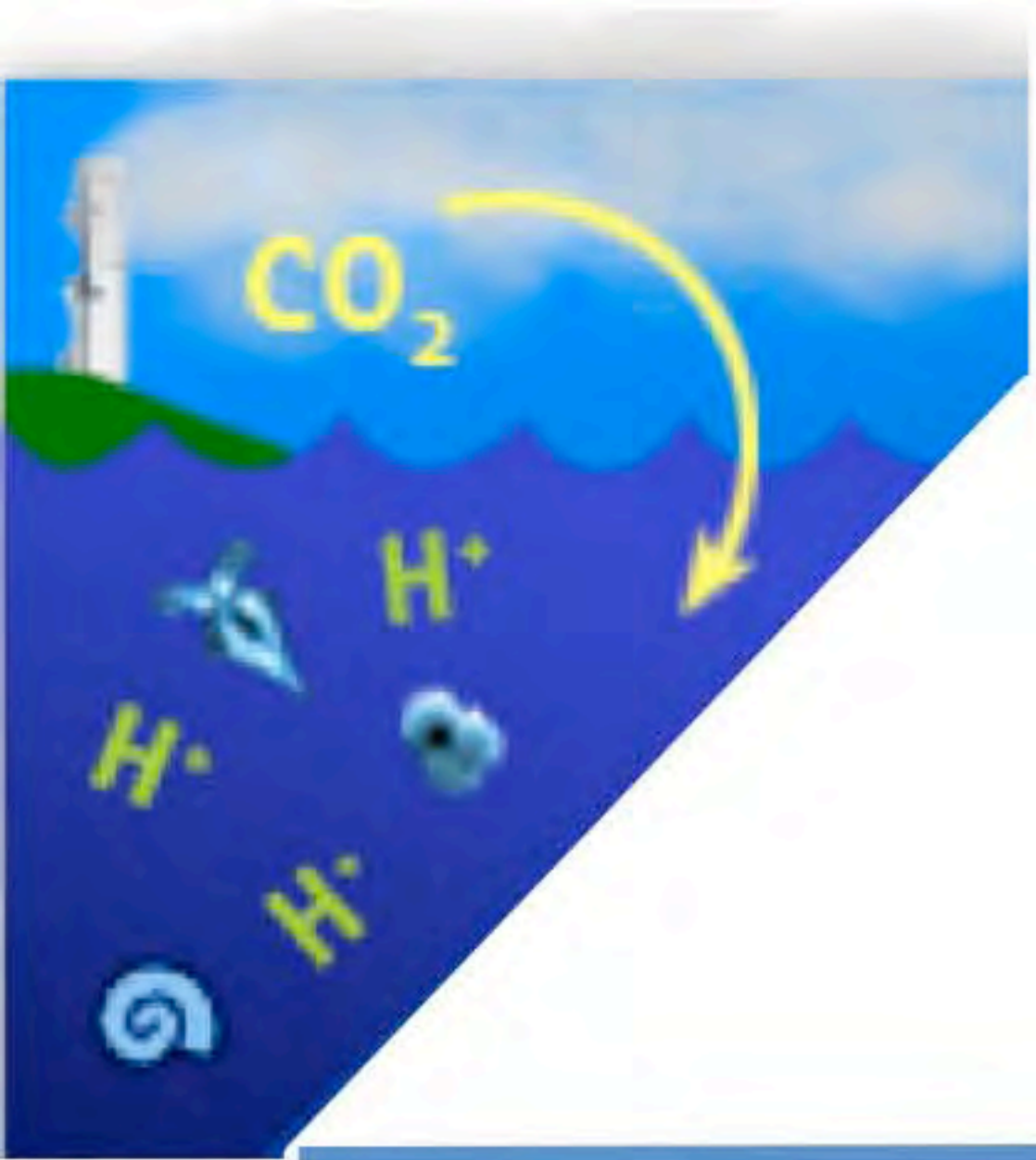
The Big Picture

- Ocean acidification is serious stuff
- Will require team work to tackle the scientific questions
- Will require team work to get the message out and affect policy

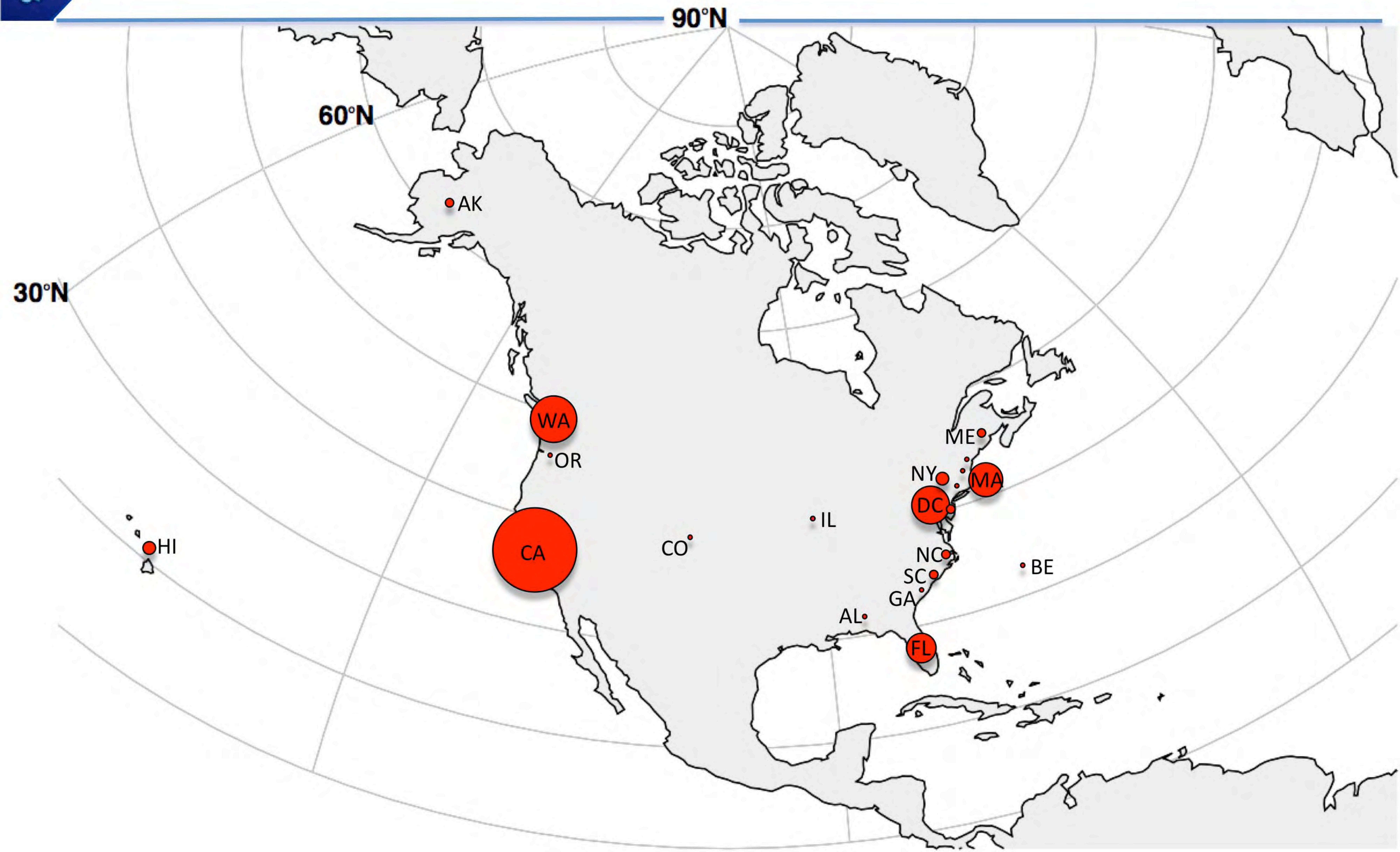


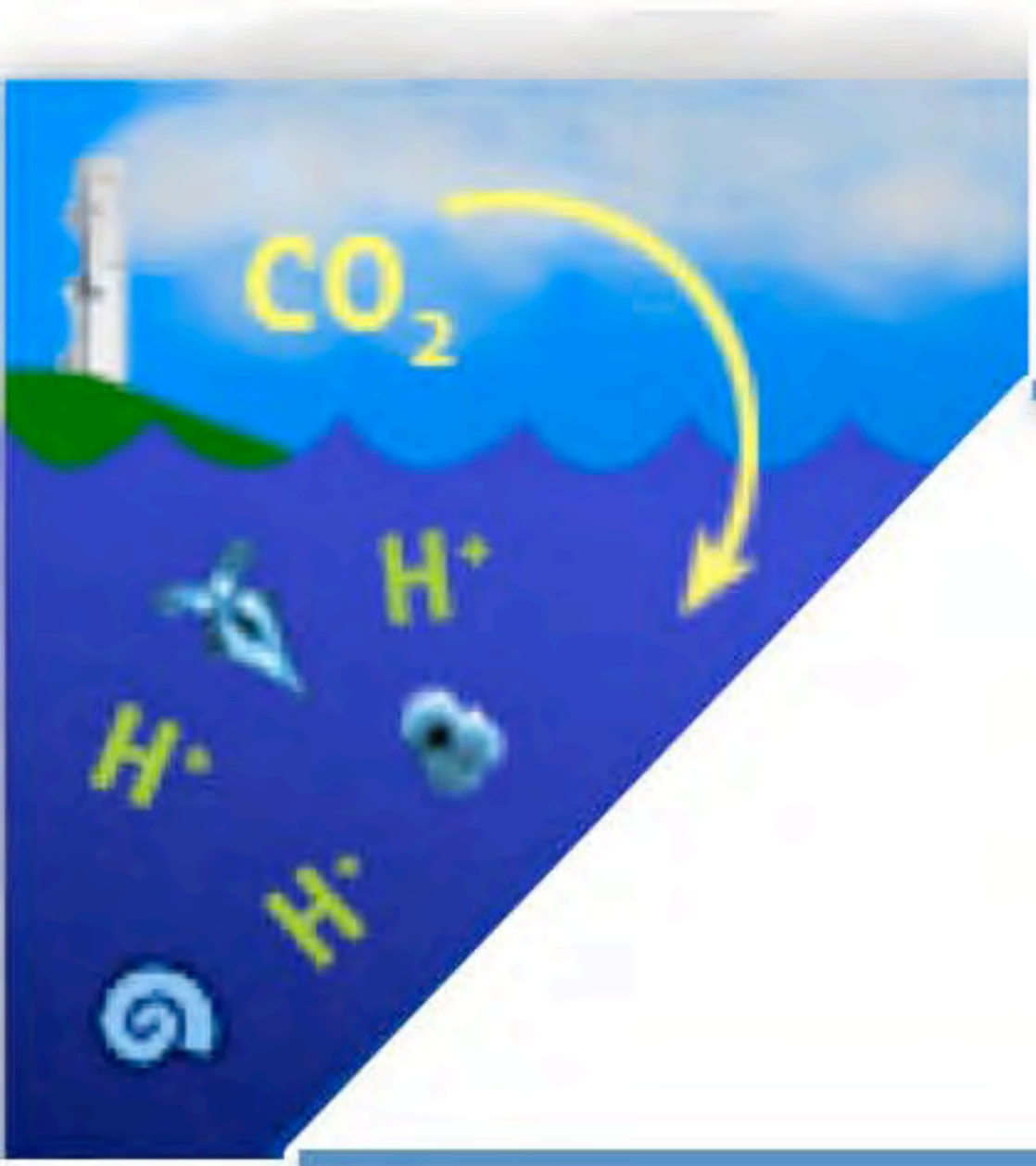
Participation





Participation



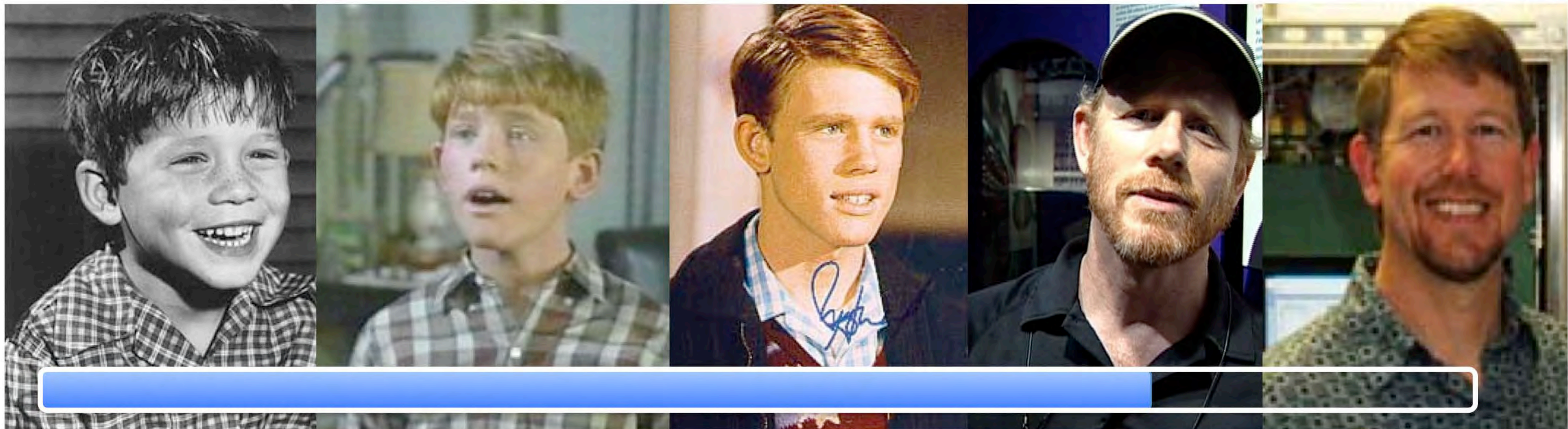


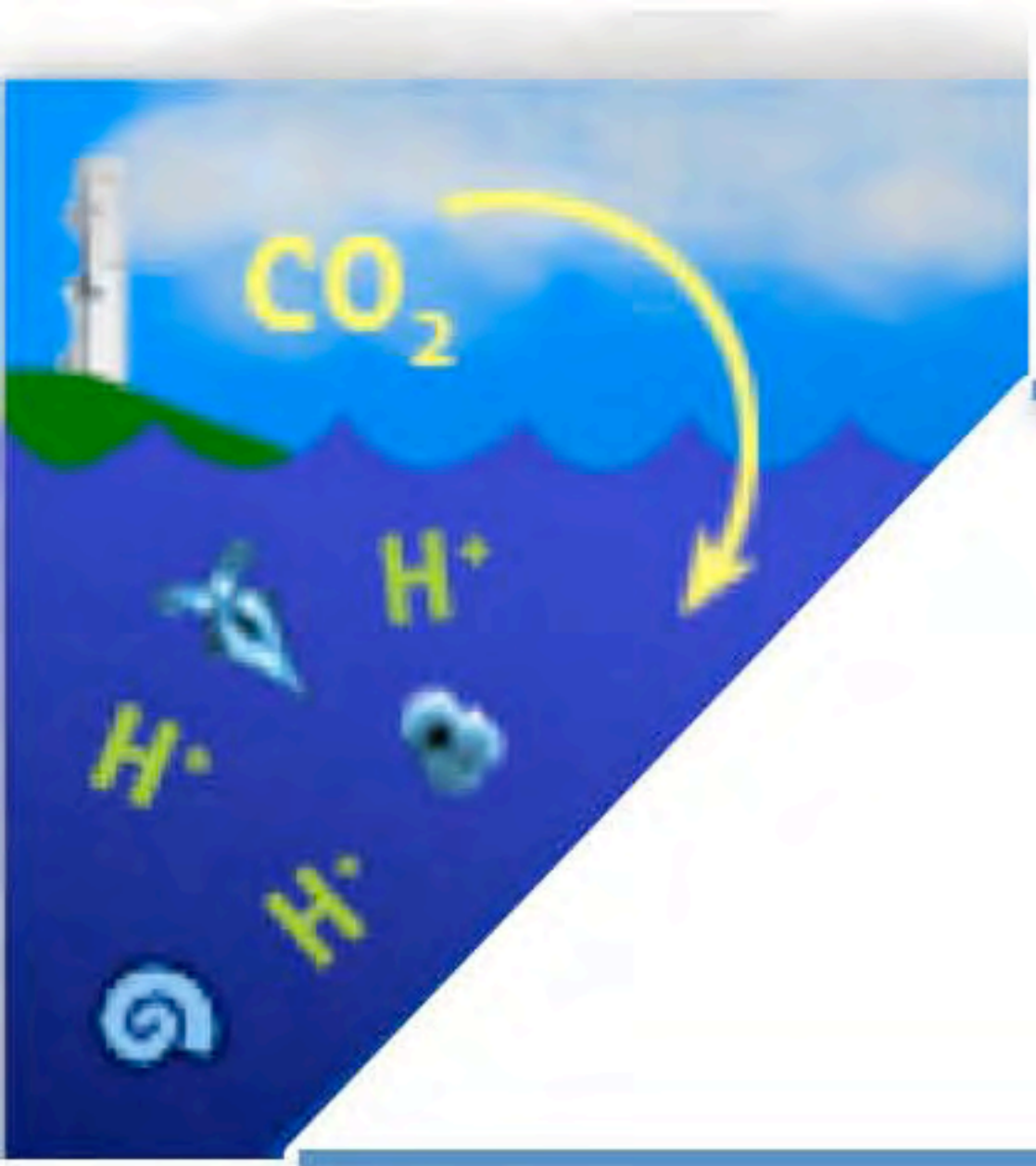
Moving Toward a Mature Program

Interagency Working Group on Ocean Acidification

International Activities

The U.S. National Program on Ocean Acidification





Step 1: Build a Strong Ocean Acidification Research Community

Take Advantage of this Workshop:

Build Collaborations

Learn about others' research

Contribute to the discussion

