

## **GOA-ON North American Hub Meeting, 17-18 October, Victoria BC**

The GOA-ON North American Ocean Acidification Hub is being established to serve the countries of Canada, United States, and Mexico. The Global Ocean Acidification Observing Network (GOA-ON) has encouraged grass-roots formation of regional hubs to foster communities of practice for the efficient collection of comparable and geographically distributed data to assess ocean acidification and its effects, and to support adaptation tools like model forecasts.

The goals of the GOA-ON North American regional hub are to:

- Share information about readiness of the Observing Network
- Assist in data management
- Promote community “best-practices” within a hub’s domain consistent with GOA-ON
- Provide integration of the global network through synthesis product development

Beginning in September 2017 via a teleconference, a large number of members voiced that their priorities for the North American Hub are to help support the development of synthesis products, facilitate data exchanges, support the observing system via training, develop uniform quality control procedures, and develop OA messages for policy makers and the general public.

### **GOA-ON North American Hub Meeting Agenda**

#### **Wednesday 17 October**

8:30 Welcome – Eric Peterson and Wiley Evans, Hakai Institute (20 Minutes)

8:50 Introduction and History – Richard Feely, PMEL/NOAA (10 Minutes) Charge: Address Goals of the Hub and Charge for the meeting. 1) Define our Mission Statement; 2) What is the readiness of the observing system and what are its strengths and weaknesses; 3) How can we improve data accessibility and data product development; and 4) What kinds of “best-practices” products would be most useful to the Hub?

9:00 Goals of the GOA-ON and GOA-ON Data Portal - Jan Newton, University of Washington (30 Minutes + 15 Minute discussion) Charge: Remind us on what are the Goals and Objectives of GOA-ON and how they relate to the GOA-On website and GOA-ON Data Portal.

9:45 Break (15 Minutes)

10:00 Other Regional Hub efforts – Meredith Kurz, NOAA OAP (30 Minutes + 30 Minute discussion) Charge: Provide an overview of other regional Hubs around the world; how are they organized and how do they function relative to GOA-ON.

11:00 Overview of US OA Program – Dwight Gledhill, NOAA OAP (30 Minute + 15 Minute discussion) Charge: Provide an overview of the US Ocean Acidification Program and provide

examples of how it can best interface with Canada and Mexico. Can we have overlapping cruises in different years to provide more coverage? Can we share results and produce joint publications and data products? Can we share approaches for analyzing time-series data?

12:00 Lunch will be provided by Hakai Institute (60 minutes)

13:00 Overview of Canada OA Program – Brent Else, University of Calgary (45 Minute + 15 Minutes discussion) Charge: Provide an overview of the Canadian Ocean Acidification Program and provide examples of how it can best interface with the United States and Mexico networks. Can we have overlapping cruises in different years to provide more coverage? Can we share results and produce joint publications and data products?

14:00 Overview of Mexico OA Program – Martin Hernandez, Universidad Autonoma de Baja California (45 Minutes + 15 Minute discussion) Charge: Provide an overview of the Mexican Ocean Acidification Program and provide examples of how it can best interface with the United States and Canada networks. Can we have overlapping cruises in different years to provide more coverage? Can we share results and produce joint publications and data products?

15:00 Break (30 Minutes)

15:30 Overview of Biological Responses to OA – Helen Gurney-Smith, Fisheries and Oceans Canada (25 Minutes + 10 Minute discussion) Charge: Provide an overview of what we know about biological responses to ocean acidification and how we can enhance our field programs to address these responses.

16:05 Overview of Development and Applicability of indicators for Ocean Acidification – Nina Bednarsek, Southern California Coastal Water Research Project (25 Minutes + 10 Minute discussion) Charge: Provide an overview of what we know about the use of biological indicators and how we can use them to support field observations, modeling activities and management decisions.

16:40 North American Hub priorities - Discussion Leader: Richard Feely (20 Minutes + 20 Minute discussion) Charge: Discuss how what we have learned today can be utilized to address the major priorities of the North American Hub.

17:20 Adjourn for the day and Group Dinner (TBD)

### **Thursday 18 October**

8:30 Opportunities for Training and Best Practices – Discussion Leader: Meredith Kurz, NOAA OAP (30 Minutes + 30 Minute discussion) Charge: Discuss how development of best practices and training events can be implemented to encourage collaboration among Hub members. What specific training requirements are being sought by the North American Hub community?

9:30 Opportunities for Collaboration – Discussion Leaders: Dwight Gledhill, NOAA OAP, Debby Ianson, DFO (30 Minutes + 15 Minute discussion) Charge: Discuss how cruise activities,

training activities, and modeling can be enhanced to encourage collaboration among Hub members.

10:15 Morning Break (15 Minutes)

10:30 Data Exchanges and North American Hub Website - Discussion Leader: Jan Newton, University of Washington (30 Minutes + 30 Minute discussion) Charge: How can we facilitate data exchanges between the three countries? What synthesis products can we collaborate on?

11:30 Meeting Summary and Final discussion - Richard Feely - (30 Minute + 30 Minute discussion) Charge: Provide a summary of the meeting and define the next steps.

12:30 Adjourn

## VENUE

The GOA-ON North American Ocean Acidification Hub Workshop will be held at the Hakai Institute Victoria Office.

**1010 Langley Street  
Victoria, British Columbia  
V8V 1V8**



## ACCOMODATIONS

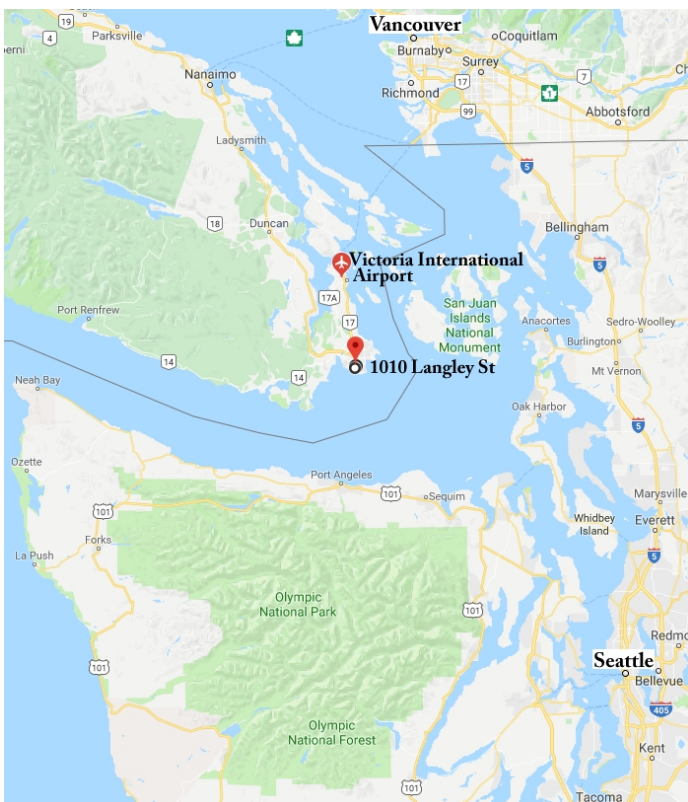
We have a block of rooms reserved at the Hotel Grand Pacific: <https://www.hotelgrandpacific.com/> at the rate of \$169 CDN. Use the code OCT18HAKAI when making a reservation.

**463 Belleville Street  
Victoria, British Columbia  
Canada, V8V 1X3**

Reservation Code: **OCT18HAKAI**



## FLYING TO VICTORIA



**The Victoria International Airport** ([www.victoriaairport.com](http://www.victoriaairport.com)) is serviced by flights from:

San Francisco International Airport (SFO)  
Seattle-Tacoma International Airport (SEA)  
Vancouver International Airport (YVR)  
And several other airports throughout Canada ([www.victoriaairport.com/destination-airports](http://www.victoriaairport.com/destination-airports))

An Airport Shuttle Bus (<https://yyjairportshuttle.com>) runs regularly between the airport and Victoria

Taxi service is provided by Yellow Cab of Victoria

<http://www.yellowcabvictoria.com/>

## ADDITIONAL TRAVEL OPTIONS DIRECTLY TO VICTORIA FROM VANCOUVER OR SEATTLE

### SEAPLANE

From Vancouver



**Harbour Air**

[www.harbourair.com](http://www.harbourair.com)

Several daily flights between Vancouver and Victoria

### FERRY

From Vancouver



**V2V Vacations**

[www.v2vvacations.com](http://www.v2vvacations.com)

1 daily crossing between Vancouver and Victoria

### BUS AND FERRY

From Vancouver



**BC Ferries Connector**

<https://bcconnector.com/>

4 daily crossings between Vancouver and Victoria

From Seattle



**Kenmore Air**

[www.kenmoreair.com](http://www.kenmoreair.com)

3 daily flights between Seattle and Victoria

From Seattle



**Victoria Clipper**

[www.clippervacations.com](http://www.clippervacations.com)

1 daily crossing between Seattle and Victoria

### CAR AND FERRY



**BC Ferries**

[www.bcferrries.com](http://www.bcferrries.com)

Several daily crossings between Tsawwassen and Swartz Bay (approximately 35 km from Victoria)