

# Pacific Arctic Group (PAG) 2019 Fall Meeting

## Draft Agenda

<http://pag.arcticportal.org/>



**Date: October 14th (pm) to 16th**

**Venue: 2<sup>nd</sup> Floor meeting room, Jinxi Hotel, Hangzhou, Zhejiang Province, CHINA**

### Overview:

The PAG fall meeting is hosted at various locations in alternating PAG countries after the field season and is focused on review of accomplishments during the previous summer and outlooks for the future. The PAG 2019 Fall meeting will be held on October 14-16 in Hangzhou, Zhejiang Province, China.

The first part of this meeting is focused on business issue. Results from 2019 field activities and future plans, PAG joint activities, interaction with other organizations/projects, PAG organizational issues and other business issue will be presented and discussed. The second part of the meeting will be a science workshop focused on results and future plans for PAG joint research activities, including the Distributed Biological Observatory (DBO), Pacific Arctic Climate and Environment Observatory (PACEO), and Central Arctic Ocean (CAO) topics.

### Venue: Hangzhou Jinxi Hotel

Address: No. 39 Yang Gong Di, West Lake District, Hangzhou, Zhejiang Province, China

Tel.: +86-0571-87992288, +86-0571-87980888

### Access:

- From Hangzhoudong Railway Station  
It takes about 40 min. by Taxi to Jinxi Hotel (about 50 CNY).
- From Hangzhou Railway Station  
It takes about 30 min. by Taxi to Jinxi Hotel (about 30 CNY).
- From Hangzhou Xiaoshan International Airport  
It takes about 1 hour by Taxi to Jinxi Hotel (about 120 CNY).

## **Agenda items 1: PAG Business meeting**

**Day 1: 14 Oct 2019**

**14:00**

### **Welcome and Introduction (Jianfeng He)**

Self-introduction of participants

Agenda review

### **1. Review of the minutes of PAG 2019 Spring meeting (Jianfeng He)**

### **2. Country report: results from 2019 field season and future planning**

- **Canada: Bill Williams**
- **China: Jianfeng He**
- **Japan: Shigeto Nishino**

**Coffee Break (15:15-15:30)**

- **Korea: Eun-Jin Yang**
- **United States: Jackie Grebmeier**

### **3. PAG joint research activities**

- Update on the Arctic Integrated Ecosystem Research Program (Jackie Grebmeier)

### **4. Report of PAG endorsed projects and proposal for new activities**

- Distributed Biological Observatory (DBO): Jackie Grebmeier
- Pacific Arctic Climate Ecosystem Observatory (PACEO): Hyoung Chul Shin
- Central Arctic Ocean (CAO): Shigeto Nishino

**17:00 End of day 1**

**18:00**

**PAG Dinner at Jinxi Hotel**

**Day 2: 15 Oct 2019**

**09:00**

### **5. Interactions with other organizations and activities**

- Shigeto Nishino: Sixth International Symposium on Arctic Research (ISAR-6)

### **6. PAG Synthesis Activities**

- Updates on the recent Synoptic Arctic Survey activities and results (Jackie Grebmeier)
  - ✓ United states: Jackie Grebmeier
  - ✓ Japan: Shigeto Nishino

- ✓ Korea: Kyoung-Ho Cho
- ✓ others??

## 7. PAG structure

- Executive committee composed of  
PAG Chair (Jianfeng He), Vice-Chairs, leads from each of PAG activities: DBO (Jackie Grebmeier), PACEO (Hyoung Chul Shin), CAO (Shigeto Nishino)
- Current rotation plan: Chair and Secretariat
  - ✓ 2016-2018– Japan (Takashi Kikuchi, JAMSTEC)
  - ✓ 2018-2020 – China (Jianfeng He, PRIC)
  - ✓ 2020-2022 – Canada (Bill Williams, IOS.DFO)
  - ✓ 2022-2024 –??

## 8. Future PAG meetings

- Fall 2019 – Hangzhou, China (Oct. 14-16 2019)
- ASSW 2020 – Akureyri, Iceland (Mar. 27-Apr. 1, 2020)
- Fall 2020 – Canada (Fall, 2020)
- ASSW 2021 –Lisboa, Portugal (Mar. 19-26, 2021)
- Fall 2021 –??

## 9. Group Photo

## 10. End of business meeting

**Coffee Break (10:15-10:30)**

## Agenda items 2: PAG Science Workshop

### 1. Distributed Biological Observatory (DBO) (Jackie Grebmeier-lead)

- Brief update of recent activities and results of DBO
  - ✓ USA DBO results (Jackie Grebmeier)
  - ✓ Japan DBO results (Shigeto Nishino)
  - ✓ Korean DBO results (Jinyoung Jung)
- Presentations about
  - ✓ Trends of surface water pCO<sub>2</sub> during 1994-2017 in the western Arctic Ocean (Wei-Jun Cai)
  - ✓ Net community production and carbon export to trophic levels in the northern Norwegian Sea (Youhui Gao)

**Lunch (12:00-14:00)**

**14:00**

### 2. Pacific Arctic Climate Ecosystem Observatory (PACEO) (Hyoung Chul Shin-lead)

- Brief update of PACEO recent activities (Hyoung Chul Shin)
  - ✓ Biological activity (Hyoung Sul La)

- ✓ Observation-based recent CO<sub>2</sub> flux estimate (Keyhong Park)
- ✓ Sea Ice and Climate activity (Joo-Hong Kim)
- ✓ Satellite activity (Hyun-cheol Kim)
- Presentations about
  - ✓ Leonid Yurganov: satellite retrieval results of methane data (virtual presentation)
  - ✓ Benthic hotspots in icy waters: influence of biological production and advection regimes on the northern Bering and Chukchi continental shelf (Zhixuan Feng)

**Coffee Break (15:15-15:30)**

### **3. Central Arctic Ocean (CAO) (Shige Nishino-lead)**

- Brief country reports
  - ✓ Japan CAO activities and results (Shigeto Nishino)
  - ✓ Korean CAO activities and results (Hyoung Chul Shin)
  - ✓ USA CAO activities and results (Jackie Grebmeier)
  - ✓ others??
- Presentations about
  - ✓ Net Production and biological pump in the central Arctic under rapid sea ice retreat (Jianfang Chen)
  - ✓ Study on marine microbial ecology in the Arctic (Fang Zhang)
  - ✓ Biodiversity of heterotrophic flagellates in sea ice in Arctic Ocean (Zhiyi Chen)

**17:00 End of Day 2**

**Day 3: 16 Oct 2019**

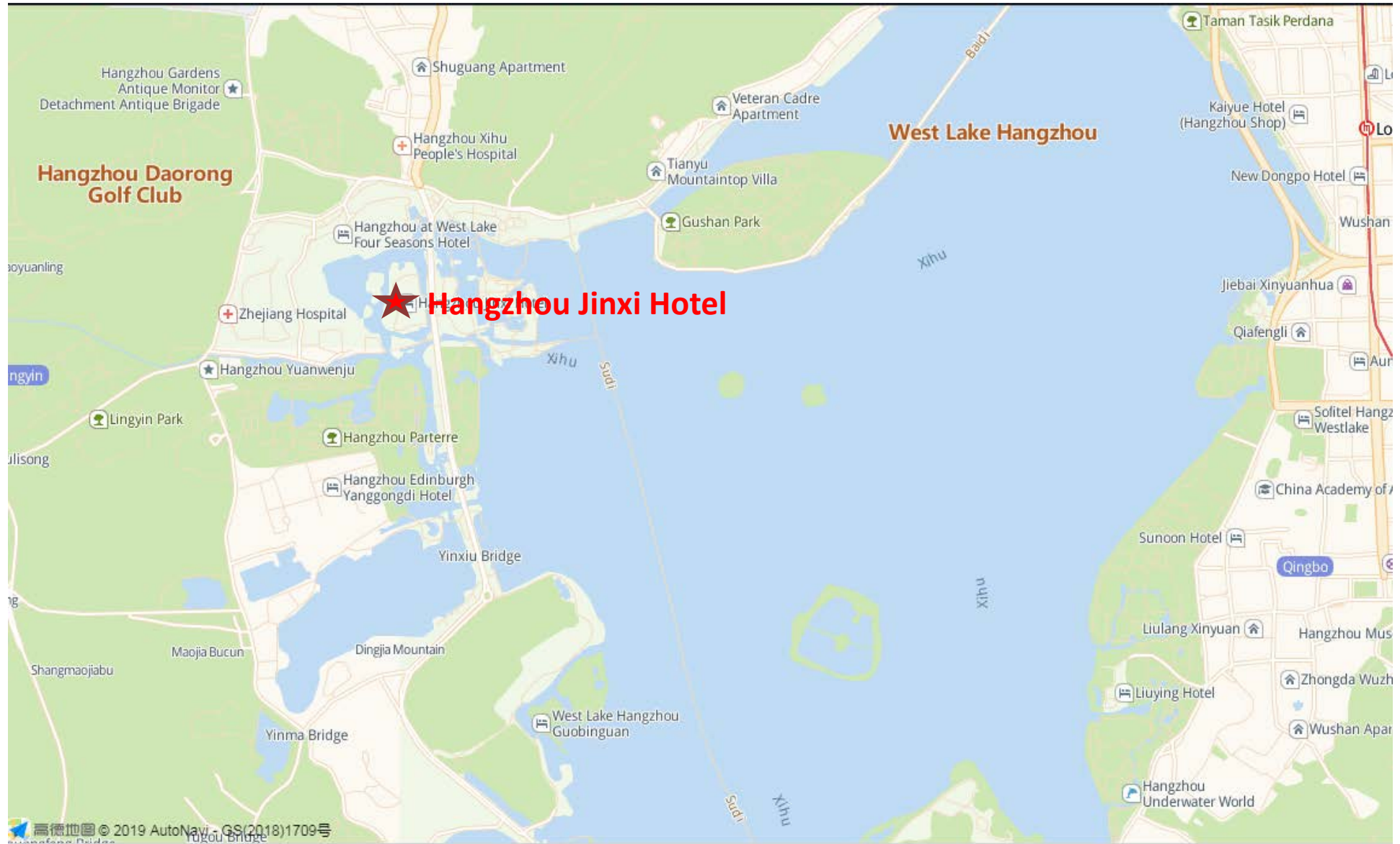
**09:00**

Discussion on cooperations in the central Arctic Ocean

Other topics??

**12:00 End of the meeting**

Location of Hangzhou Jinxi Hotel:



Exterior of Hangzhou Jinxi Hotel:

