

PICES Annual Meeting; at Victoria Convention Center

PICES-2019 – **DRAFT SCHEDULE #1N**—Victoria, Canada, HPB 191007

IMPORTANT NOTE: This is a draft schedule, and may be subject to change in date and duration of Workshops, Topic Sessions and Business Meetings. **NOTES: Workshop rooms should have a minimum capacity of 35-40 in Theater style.**

Wednesday, October 16								
0900 1230	W14 Molecular Approaches (cosponsored by Hakai Inst.) <i>Saanich-1</i>	W17 Bering-Chukchi LME <i>Saanich-2</i>	W10 PICES-ICES ZP <i>Oak Bay-1</i>	FishGIS Project Bus Mtg <i>Oak Bay-2</i>	W11 PICES-NPFC Pacific Saury <i>Esquimalt</i>	SG-IMCE Business Mtg <i>Victoria</i>		
1400 1800								
Thursday, October 17								
0900 1230	W7 Central Arctic Ocean <i>Saanich-1</i>	W15 Machine Learning Part-1 <i>Saanich-2</i>	WG35 NPESR Bus Mtg <i>Oak Bay-1</i>	W9 NIS Best Practices <i>Oak Bay-2</i>	W8 Bioacoustics (Cosponsored by ONC) <i>Esquimalt</i>	W13 Ecosystem Reference Points <i>View Royal</i>		
1400 1800	W18 HABs Best Practices Part-1 (w/ multiple cosponsors) <i>Saanich-1</i>							
Friday, October 18								
0900 1230	W18 HABs Best Practices Part-2 (w/ multiple cosponsors) <i>Saanich-1</i> <i>Breakouts to Victoria & Langford</i>	W15 Machine Learning Part- 2 <i>Saanich-2</i>	W2 PICES-IPHC Pacific Halibut <i>Oak Bay-1</i>	W4 CREAMS <i>Oak Bay-2</i>	W5 North Pacific CPR (cosponsor by MBA) <i>Esquimalt</i>	WG36 Business Mtg <i>View Royal</i>	FUTURE SSC Business Mtg <i>Sidney</i>	W12 Food Competition <i>Colwood</i>
1400 1800		AVAIL Contact PICES <i>Saanich-2</i>			W3 GAME Sustainable Fisheries <i>Esquimalt</i>			S-MBM Business Mtg <i>Colwood</i>
Saturday, October 19								
0900 1230	W18 HABs Best Practices Part-3 (w/ multiple cosponsors) <i>Saanich-1</i> <i>Breakouts to Victoria & Langford</i>	SG NPFC-PICES Business Mtg <i>Saanich-2</i>	W16 Salmon Part-1 (Cosponsored by NPAFC & NPFC) <i>Oak Bay-1</i>	W6 Marine Ecosystem Services <i>Oak Bay-2</i>	W19 Mariculture Impacts <i>Esquimalt</i>	WG38 Meso-submeso Bus Mtg <i>View Royal</i>	W1 Effectively Communicat Science <i>Sidney</i>	CLIVAR Pacific Panel Business Meeting* <i>Colwood</i>
1400 1800		S-CC Business Mtg <i>Saanich-2</i>			AP-CREAMS Business Mtg <i>Esquimalt</i>	Turtle Project Business Mtg <i>View Royal</i>		

Sunday, October 20

0900	S-HAB Business Mtg <i>Esquimalt</i>	WG39 Business Mtg <i>Saanich-1</i>	AP-NIS Business Mtg <i>Victoria</i>	W16 Salmon Part-2 (Cosponsored by NPAFC & NPFC) <i>Oak Bay-1</i>	WG40 Business Mtg <i>Upper Pavilion</i>	WG41 Business Mtg <i>Oak Bay-2</i>	AP-NPCOOS Bus Mtg <i>Crystal Ballroom</i>	S-CCME Business Mtg <i>Shaughnessy Ballroom</i>	WG42 MMP Bus Mtg <i>Saanich-2</i>
1230	Science Board Bus Mtg* <i>Esquimalt</i>	WG37 Business Mtg <i>Saanich-1</i>					WG34 Bus Mtg <i>cancelled</i>	WG36 Tentative Reserved <i>Shaughnessy Ballroom</i>	
1400									
1800	HD Bus. Mtg <i>Saanich-2</i>	MEQ Bus. Mtg <i>Saanich-1</i>	FIS Bus. Mtg <i>Oak Bay-1</i>	MON Bus. Mtg <i>Oak Bay-2</i>	POC Bus. Mtg <i>Esquimalt</i>	TCODE Bus Mtg <i>Victoria</i>	BIO Bus. Mtg <i>Shaughnessy Ballroom</i>		
2000									

Monday, October 21

0845	OPENING SESSION (Lecture Theater)							
1010								
1030	Plenary Science Board Symposium (S1 _{SB}) <i>Lecture Theater</i>							
1230								
1400	Plenary Science Board Symposium (S1 _{SB}) <i>Lecture Theater</i>							
1600								
1620	Plenary Science Board Symposium (S1 _{SB}) <i>Lecture Theater</i>							
1820								
1830	WELCOME RECEPTION							
2100	(open to all participants and registered guests; location TBD)							

Tuesday, October 22 NOTE: SPORTING EVENT (TBD)**** WILL BE ca. 1830-2100 ON TUESDAY

0900	PLENARY SESSION							
1030	<i>Lecture Theater (3 Invited Speaker talks)</i>							
1050	S13 Prey Consumption Part-1 <i>Saanich-1</i>	S2 Marine Heatwaves <i>Lecture Theater</i>	S14 Marine Resource Management <i>Esquimalt</i>	S15 Marine Ecosystem Prediction <i>Oak Bay-1</i>	S5 Ocean & Coastal Ecosystem Trends Part-1 <i>Oak Bay-2</i>	AVAIL Contact PICES <i>Saanich-2</i>		
1250	S12 Meso/submeso Part 1 <i>Saanich-1</i>					F&A Meeting* <i>Saanich-2</i>		
1400						F&A Meeting* <i>Saanich-2</i>		
1600						F&A Meeting* <i>Saanich-2</i>		
1620								
1800								
1800	Sporting Event (Offsite; TBD)****							
2100	1830-2100							

Wednesday, October 23

0900 1030	S13 Prey Consumption Part-2 <i>Lecture Theater</i>	S12 Meso/submeso Part-2 <i>Saanich-1</i>	S11 Climate Var & Fisheries Mgmt Part-1 <i>Oak Bay-1</i>	S10 Algal Exudates & CC <i>Oak Bay-2</i>	S4 Marine Transportation (cosponsored by ICES) <i>Esquimalt</i>	F&A Meeting* <i>Saanich-2</i>	
1050 1250		S5 Ocean and Coastal Ecosystem Trends (Part-2) <i>Saanich-1</i>					
1400 1800	HD Bus. Mtg <i>Saanich-2</i>	MEQ Bus. Mtg <i>Saanich-1</i>	FIS Bus. Mtg <i>Oak Bay-1</i>	MON Bus. Mtg <i>Oak Bay-2</i>	POC Bus. Mtg <i>Esquimalt</i>	TCODE Bus Mtg <i>Empress- Library</i>	BIO Bus. Mtg <i>Empress-Bengal</i>
1800 2100	FUTURE SSC Business Meeting <i>Esquimalt</i>						

Note: Posters may be hung after 4PM on Wednesday in *Salon A* (Upper Level) if tags are on boards.

Thursday, October 24 (Posters hung early; available for viewing all day in *Salon A* (Upper level)**)

0900 1030	PLENARY SESSION <i>Lecture Theater (3 Invited Speaker Talks)</i>					
1050 1250	S3 Coastal Ocean Modeling (cosponsored by ICES) <i>Saanich-1</i>	S7 Plastic Pollution (cosponsored by NOWPAP) <i>Saanich-2</i>	S6 Ecosystem Indicators <i>Lecture Theater</i>	S11 Climate Variability and Fisheries Mgmt Part-2 <i>Oak Bay-1</i>	S9 COOS-EBVs <i>Oak-Bay-2</i>	S8 Integrated Ecosystem Assessment (cosponsored by ICES) <i>Esquimalt</i>
1400						
1600						
1620 1800						
1800 2100	POSTER SESSION**(reception in <i>Salon A</i> in Upper Level) (1800-2100: Wine and Cheese, etc.) Posters should be put up Thursday before noon & must be removed from boards at end of evening.					

Friday, October 25

0900 1020	BIO-P <i>Saanich-1</i>	FIS-P <i>Oak Bay-1</i>	POC-P <i>Oak Bay-2</i>	MEQ-P <i>Saanich-2</i>
1040 1240				
1250 1350				
1400 1800	Science Board Business Meeting* <i>Esquimalt</i>			
1830 2100	Chairman's Reception*			

Saturday, October 26

0900 1800	Science Board Meeting* <i>Esquimalt</i>	Governing Council Meeting* <i>Oak Bay</i>
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Sunday, October 27

0900 1800	Governing Council Meeting* <i>Oak Bay</i>
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- * Closed meetings/Activities
- ** Posters of general interest to the PICES Scientific Committees, including those not necessarily matching the themes of the Topic Sessions and workshops, are welcome. Posters will be on display from Tuesday evening (23 Oct) until 2100 on 24 October. Poster presenters are expected to be available near their poster to answer questions during the Thursday evening (1800-2100) poster session. The max size of a poster is 48 inches (120 cm) high x 48 inches (120 cm) wide.
- *** Awards for [Best Oral/Poster presentations](#) will be announced during the Closing Session
- **** The sporting event (TBD) will be on Tuesday evening.

Topic Session Titles: Note: where multiple committees are listed, only one (**in bold**) is shown as the judging committee. Note, only POSTERS of Early Career Scientists are judged for potential best poster presentation awards.

- S1: (**SB**) Connecting Science and Communities in a Changing North Pacific
- S2: (**POC**) Marine Heatwaves in the North Pacific: Predictions and Impacts in Coastal Regions
- S3: (**POC/MEQ/BIO**) Coastal Ocean Modelling in the North Pacific (*Cosponsored by ICES*)
- S4: (**HD**) The Impacts of Marine Transportation and their Cumulative Effects on Coastal Communities and Ecosystems (*Cosponsored by ICES*)
- S5: (**POC/BIO/FIS/FUT**) Trends in Ocean and Coastal Ecosystems and their Services and its Future
- S6: (**FUT**) Identifying Thresholds and Potential Leading Indicators of Ecosystem Change: the Role of Ecosystem Indicators in Ecosystem-Based Management
- S7: (**MEQ**) Environmental Indicators of Plastic Pollution in the North Pacific (*Cosponsored by NOWPAP*)
- S8: (**FIS/BIO/POC**) Creating more effective Integrated Ecosystem Assessments (IEAs) in PICES Countries (*Cosponsored by ICES*)
- S9: (**MON**) Coastal Ocean Observing Systems, Essential Biological Variables, and Community-based Monitoring
- S10: (**MEQ**) Linking changes in Climate, Nutrient Distribution, Phytoplankton Ecology, and production of Algal Exudates in the North Pacific
- S11: (**FIS/POC/BIO/HD**) Incorporating Ecosystem Variability and Climate Change into Fisheries Management: progress and challenges for EBFM in the 21st century
- S12: (**POC/BIO**) Impacts of meso-/submeso-scale processes on heat/material transport and on marine ecosystems
- S13: (**BIO**) Implications of Prey Consumption by Marine Birds, Mammals, and Fish in the North Pacific
- S14: (**HD/FIS**) Integrating Economic and Social Objectives in Marine Resource Management
- S15: (**POC/FUT**) Advances in North Pacific Marine Ecosystem Prediction
- BIO-P: Biological Oceanography Committee Paper Session
- FIS-P: Fisheries Science Committee Paper Session
- MEQ-P: Marine Environmental Quality Committee Paper Session
- POC-P: Physical Oceanography and Climate Committee Paper Session
- HD-P: Human Dimension Committee Paper Session [SESSION CANCELLED]**

GP: General Poster Session

Note: All of the above oral sessions can also accept posters, and there also will be an Observer/Organization Poster Session.

Topic Session judging:

SB: 1; BIO: 3; FIS: 3; FUT: 2; HD: 2; MEQ: 3; MON: 1; POC: 4; TCODE: 0

Workshop Titles: Note, only POSTERS of Early Career Scientists are judged for potential best poster presentation awards.

W1: **(FUT)** Learn to Effectively Communicate your Science

W2: **(FIS; IPHC)** Integrating biological research, fisheries science and management of Pacific halibut and other widely distributed fish species across the North Pacific in the face of climate and environmental variability (*Cosponsored by IPHC*)

W3: **(FIS)** Let's play the GAME! (to achieve sustainable fisheries development in the PICES Regions)

W4: **(POC/BIO/FIS)** Circulation, biogeochemistry, ecosystem, and fisheries of the western North Pacific marginal seas: past and future of CREAMS (Circulation Research of East Asian Marginal Seas)

W5: **(BIO; CPR Survey, MBA)** Celebrating two decades of North Pacific CPR sampling, and future directions (*Cosponsored by MBA/UK*)

W6: **(HD)** Assessing Marine Ecosystem Services: A Comparative View across the North Pacific

W7: **(SB)** PICES Contribution to Central Arctic Ocean (CAO) Ecosystem Assessment (Third)

W8: **(BIO/ONC)** Synthesis of Bioacoustics programs for Monitoring Zooplankton and Fisheries in the North Pacific (*Cosponsored by ONC*)

W9: **(MON/MEQ)** Monitoring Non-indigenous Species in PICES Member Countries: Towards Best Practices

W10: **(BIO)** PICES/ICES collaborative research initiative: toward regional to global measurements and comparisons of zooplankton production using existing data sets

W11: **(FIS; NPFC)** PICES/NPFC collaborative research: The influence of environmental changes on the potential for species distribution shifts and population dynamics of Pacific saury (*cosponsored by NPFC*)

W12: **(BIO)** Potential food competition between top predators and fisheries in the North Pacific

W13: **(FUT)** Common Ecosystem Reference Points

W14: **(BIO)** New frontiers: the application of molecular approaches in marine ecology and fisheries science (*Cosponsored by Hakai Institute*)

W15: **(FUT)** Application of Machine Learning to Ecosystem Change Issues in the North Pacific

W16: **(FIS;NPAFC;NPFC)** PICES/NPAFC/NPFC collaborative research: Developing a collaborative, integrated ecosystem survey program to determine climate/ocean mechanisms affecting the productivity and distribution of salmon and associated pelagic fishes across the North Pacific Ocean (*Cosponsored by NPAFC & NPFC*)

W17: **(BIO)** Scoping an IEA of the Northern Bering-Chukchi Seas LME

W18: **(MEQ)** Economic Effects of HABs: Recommended Practices (*Cosponsored by SCOR, ISSHA, NOWPAP, Greig Seafood Ltd., IOC UNESCO, GlobalHAB, AXA XL Insurance, and FAO*)

W19: **(MEQ)** Impacts of mariculture on coastal ecosystems

Poster Session judging for sessions (s) and workshops (w):

SB: 1s1w; BIO: 3s6w; FIS: 3s4w; FUT: 2s3w; HD: 2s1w; MEQ: 3s2w; MON: 1s1w; POC: 4s1w; TCODE: 0s0w

Open Business Meetings:

FUTURE SSC; MAFF FishGIS Project; KIOST Turtle Project;

BIO; MEQ; FIS; MONITOR; POC; TCODE; HD;

WG-34 (Joint PICES/ISC WG on Ocean Conditions and the Distribution and Productivity of Highly Migratory Fish)

WG-35 (Third North Pacific Ecosystem Status Report)

WG-36 (Common Ecosystem Reference Points across PICES Member Countries)
WG-37 (Zooplankton Production Methodologies, Applications and Measurements in PICES Regions)
WG-38 (Mesoscale and Submesoscale Processes)
WG-39 (Joint PICES/ICES/PAME WG on Integrated Ecosystem Assessment for the Central Arctic Ocean)
WG-40 (Climate and Ecosystem Predictability)
WG-41 (Marine Ecosystem Services)
WG-42 (Marine Microplastics)
S-HAB; S-CC; S-CCME; S-MBM
AP-CREAMS; AP-NPCOOS; AP-NIS
SG-IMCE (Study Group on Impacts of Mariculture to Coastal Ecosystems)
SG-PICES/NPFC (Joint PICES-NPFC group for Scientific Cooperation in the North Pacific Ocean)

Local Organizer Contacts for PICES-2019:

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