



РОССИЙСКАЯ АКАДЕМИЯ НАУК



Program

RAS – NSCMB Webinar

HARMFUL ALGAL BLOOMS IN THE NORTH PACIFIC: CURRENT DYNAMICS AND IMPACT TO MARINE ECOSYSTEMS

(December 18, 2020 (Asia, Russia) – December 17, 2020 (US))

Organizers: Russian Academy of Sciences (RAS, Moscow);
A.V. Zhirmunsky National Scientific Center of Marine Biology FEB RAS (NSCMB, Vladivostok)

Russia and Asia:	United States:
Moscow: 4.00 a.m. (Friday, Dec. 18)	US (Alaska): 16.00 (Thursday, Dec. 17)
Vladivostok: 11.00 a.m. (Friday, Dec. 18)	US (Seattle): 17.00 (Thursday, Dec. 17)
Petropavlovsk-Kamchatsky: 13.00 (Friday, Dec. 18)	US (Boston): 20.00 (Thursday, Dec. 17)
Japan (Tokyo): 10.00 a.m. (Friday, Dec. 18)	US (California): 17.00 (Thursday, Dec. 17)
Rep. Korea (Seoul): 10.00 a.m. (Friday, Dec. 18)	
China (Beijing): 9.00 a.m. (Friday, Dec. 18)	

Presentation time is shown as Vladivostok (Russia, VLAT) standart time (UTC/GMT +10) starting at 11.00 a.m., December 18. Please, double-check time in your location.

The webinar is organized at Zoom platform. Please, check here: <https://zoom.us/meetings>

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Moderator:

Konstantin A. Lutaenko (lutaenko@mail.ru)

(A.V. Zhirmunsky National Scientific Center of Marine Biology FEB RAS, Vladivostok, Russia)

11.00–11.05. **Andrey V. Adrianov** (Russian Academy of Sciences, Moscow, Russia). **Introductory remarks and welcome**

11.05–11.20. **Tatiana Yu. Orlova** (A.V. Zhirmunsky National Scientific Center of Marine Biology FEB RAS, Vladivostok, Russia). **The unexpected Kamchatka “bear tide”: who is to blame and what is to be done?**

11.20–11.35. **Donald M. Anderson** (Woods Hole Oceanographic Institution, Woods Hole, USA). **New observations of *Alexandrium catenella* in the Alaskan Arctic: emerging opportunities for US - Russian collaboration**

11.35–11.50. **Vera L. Trainer** (NOAA Northwest Fisheries Science Center, Seattle, USA and North Pacific Marine Science Organization (PICES)). **Dinoflagellates that do damage**

11.50–12.05. **Kirill A. Vinnikov** (Far Eastern Federal University, Vladivostok, Russia). **The scope and impact of the massive «bear» – harmful algal bloom in Kamchatka (September-October 2020)**

12.05–12.20. **Satoshi Nagai** (National Research and Development Agency, Japan Fisheries Research and Education Agency, Japan). **HAB detection by metabarcoding in Okhotsk Sea in Japan**

12.20–12.35. **Bruce Wright** (Knik Tribe Senior Scientist, Palmer, USA). **Prevalence of paralytic shellfish toxins in the marine food webs of coastal Alaska**

12.35–12.50. **Yu Roncheng** (Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China). **Introduction about the recent features of toxic dinoflagellate blooms in the China seas**

12.50–13.05. **Jaeyeon Park** (Advanced Institute of Convergence Technology, Suwon, Republic of Korea). **Tempo-spatial distribution of the epiphytic dinoflagellate *Ostreopsis cf. ovata* off Jeju Island, Korea**

13.05–13.20. **Mitsunori Iwataki** (The University of Tokyo, Tokyo, Japan). **Morphology of karenian dinoflagellates occurred in Japanese coast**

13.20–13.35. **Clarissa Anderson** (Scripps Institution of Oceanography, La Jolla, CA, USA). TBD.

13.35–13.50. **Holly Bowers** (Moss Landing Marine Labs, Moss Landing, CA, USA). TBD

13.50–14.30. **Discussion and concluding remarks**