**“The Report from UNU conversation series “Oceanography and Climate Change”**

**By Dr Vladimir Ryabinin (Feb. 19, 2019)**

First, the class was packed with a big audience as usual. Maybe 100 people with specialists (50%) and non-specialists (50%).

Interestingly, even though Dr Ryabinin recognizes the seriousness of the problem, his message came from being strongly OPTIMISTIC standpoint.

I would like to point why he can be so optimistic by his analyzation.

1: Oceanography changed paradigm. “law is necessary”. (Peter Thompson is a big player about this paradigm change.)

2: How changed its paradigm?

\*Private sector started to act. (They see climate change problem is not burden but chance for business.)

\*Government started to take this problem serious.

3: The role of technology and science is very important to this issue.

But we must be careful about “dilemma” which will be the cause of exploit it.

4: “Arctic” is the place now where it can be the GREAT opportunity for the world

to cooperate about this issue in various way.

Thank you very much for your attention and last night, Ms. Hirai, Ms. Nagai and Kumada shared WONDEFUL time. You too, please join us next time!!

Feb. 19, 2019 Kyoko Kumada