

The 71st GIST Seminar

**“How to cope with Catastrophic Disasters related with Modern Science and Technologies
including appropriate international cooperation activities?
- Based on experiences at the Fukushima Daiichi Nuclear Accident”**

Speaker: Dr. Charles A. Casto

Former leader of NRC; President, Casto Group Consulting LLC.; Senior Nuclear Safety Consultant

Commentator: Prof. Hisanori Nei, Professor, National Graduate Institute for Policy Studies

Facilitator: Dr. Sae Ochi, Director of Internal Medicine, Soma Central Hospital

- ◆ **Date:** Monday, March 14, 2016 5:00 PM – 7:00 PM
- ◆ **Venue:** 1st Floor, Room1AB, National Graduate Institute for Policy Studies (GRIPS)
(Access: <http://www.grips.ac.jp/en/about/access/>)
- ◆ **Organizers:** GRIPS Innovation, Science and Technology Policy Program (GIST)
- ◆ **Language:** English/Japanese (Simultaneous interpretation is available)
- ◆ **Seminar Overview:**

The development of science and technology contributes to solving social problems. However, it sometimes causes catastrophic disasters which need foreign assistance. The accident at Fukushima Daiichi Nuclear Power Station is one of the examples and it revealed Japan’s lack of preparedness for such disasters and for receiving foreign assistance smoothly. At the seminar, we will discuss on whether there are other technologies which might cause such case, how relevant players, the government, scientist, industry, regulator, media, citizen for instance, can make appropriate preparation in peacetime, and whether international protocol on foreign assistance is necessary etc. Persons who were dedicated to addressing the disaster on US and Japan side will join so that we can learn lessons from the Great East Japan Earthquake.

- ◆ **Program**

17:00-17:05 Introduction

17:05-17:50 Lecture by Dr. Casto

17:50-18:00 Comment from Prof. Nei

18:00-19:00 Panel Discussion and Q&A

Panelist: Dr. Casto, Prof. Nei, Facilitator: Dr. Ochi

- ◆ **Registration**

Please register at registration form (<https://krs.bz/scirex/m?f=62>) by at noon of March 14. If you cannot open the form, please send email to GIST Secretariat, gist-ml@grips.ac.jp.

Registration email must include:

1) your name*, 2) institution*, 3) position, and 4) e-mail address*. (*: Required items)

◆ Speaker's CV

Dr. Charles A. Casto

Chuck Casto has 38 years of experience in positions of increasing responsibility including executive, regulatory, technical, and operational areas within the U.S. Nuclear Regulatory Commission (NRC), the commercial nuclear power industry, and the U.S. Air Force.

Dr. Casto worked at 3 commercial nuclear power plants in construction, startup, and operations activities as a Senior Reactor Operator instructor etc. He was a member of the U.S. Federal Government's Senior Executive Service at the NRC, where he last held the position of Regional Administrator, U.S. NRC Region III, overseeing 23 reactors in 8 states. He was the NRC's sole Deputy Regional Administrator for Nuclear Power Plant construction inspection and served on a Congressional Fellowship as a Legislative Assistant for energy policy to U.S. Senator Harry Reid.

Dr. Casto led the integrated US Government and NRC efforts in Japan during the Fukushima nuclear accident in 2011. Working directly with Ambassador Roos, he coordinated with the NRC's Emergency Operations Center in the US. With his remarkable expertise, he has been asked on numerous occasions to resolve highly complicated policy issues, and has provided technical consultation for Hungary and Slovenia.

Dr. Casto received the Presidential Distinguished Award (2012) from President Obama for his contributions to the U.S. government.

<Education>

B.S. degree in Nuclear Technology, University of the State of New York

M.P.A in Public Administration, University of Georgia

D.B.A. in Business Administration, Kennesaw State University



Prof. Hisanori Nei

Prof. Hisanori Nei has joined the Ministry of International Trade and Industry (MITI, now METI) in 1981 after graduating from University of Tokyo at Faculty of Science major in Geology. After working at various deputy director positions such as ministers secretariat bureau, he spent his time at Houston Texas, U.S.A. as Executive Director of JETRO Houston from 1997 to 2000.

From 2001 to 2005, he worked more for energy security policy as the director of Middle East and Africa Office and of Petroleum Refining and Reserve Division etc. at METI. During that period, he had worked at ORHA or CPA in Iraq after the war on 2003 as one of the three Japanese first dispatched diplomats. From 2005 to 2012, he worked at Nuclear and Industrial Safety Agency (NISA), METI as Directors and the Deputy Director General.

When Tohoku off-Pacific Earthquake hit the Fukushima-Daiichi, TEPCO, he worked as like managing director at back office and performed the single contact with U.S. mission and coordinated to create the Government Official Report to the IAEA. June and September 2011, then, he was assigned as councilor at cabinet secretary for restoring the Nuclear Accident. From April 2012, he worked as Executive Director, at Japan National Oil, Gas and Metals Corporation and became Professor of GRIPS in 2014.



Sae Ochi, MD, MPH, PhD

Director of Internal Medicine, Soma Central Hospital

Dr. Ochi graduated from Tokyo Medical and Dental University in 1999. Her working experience as a physician at a downtown Tokyo made her interested in public health, and she decided to study abroad. Just 10 days after she got an acceptance from Imperial College, the Great East Japan Earthquake occurred, so she was majored in disaster public health. Through her volunteer work at Soma City in Fukushima, she realised the importance of onsite experience, then she moved to Soma City in 2013. She is now working at Soma Central Hospital, Fukushima as a medical doctor as well as public health researcher.

<License>

MD, MPH, Fellow of the Japanese Society of Internal Medicine, Board Certified Rheumatologist by Japan College of Rheumatology (JCR), Qualified Sports doctor by Japan Sports Association (JASA), National team doctor of All Japan Kendo Federation

