

**Inter-Graduate School Program for
Sustainable Development and Survivable Societies**



Interdisciplinary Seminar (3 session course)

【 # 20-Part1/3(1)】 【 # 21-Part2/3(1)】 【 # 22-Part3/3(1)】

“Linking Science and Society”Series for Safety and Security Issues

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<Summary>

The “Linking Science and Society” Series for Safety and Security Issues is a series of workshop-style (lecture plus group work) sessions which focuses on “linkage” between science and society and addresses different disciplines and approaches of researches through both analytic and holistic views, in order to seek for pathways to problem-solving for safety and security issues. The series is composed of three sessions: 1) Linking Science and Society: Challenges with Case Studies, 2) Linking Science and Society: Structural Views through Multiple Concepts and Approaches, and 3) Linking Science and Society: Pathways to Link Researches to Actions.

This series will aim at:

- a) Cultivating analytic and holistic views in linking science and society by systematizing different disciplines and approaches for problem-solving orientation, and
- b) Applying practically the conceptual bases to the real social issues through dialogues among students.

Students can take an individual session (not necessarily need to take all of three sessions), but it is recommended to take three of them if you wish to learn a whole picture of linking of science and society both conceptually and practically. Each session is composed of two parts, lecture and group work: In the lecture part you can learn relevant concepts or approaches with practical cases or tools. In the group work part students will work collaboratively among students beyond academic fields to address the science-society linkages by applying inputs in the lecture or presenting their own ideas. Each session is summarized in the below:

◆ 1st Session (1 course, 1 credit)

“Linking Science and Society: Challenges with Case Studies”

Date: July 29, 2016 18:30-20:00

Venue: Higashi Ichijyo-kan Lecture Hall 2nd Floor

<Summary>

This session will provide some case studies in addressing science and society in safety security fields, and an overall picture of challenges in addressing the issue. Specifically, with these case studies the session will focus on i) what are existing critical issues to link science and society and

what are barriers to link science and society, ii) how can both analytic and holistic views be drawn, and iii) how those views can be applied to real cases in addressing the linkages between science and society.

◆**2nd Session (1 course, 1 credit)**

“Linking Science and Society: Structural Views through Multiple Concepts and Approaches “

Date: November 30, 2016 18:30-20:00

Venue: Higashi Ichijyo-kan Lecture Hall 2nd Floor

<Summary>

This session will provide structural views for addressing in linking science and society by systematizing relevant concepts and approaches. Since different researches take different concepts and approaches within their own research disciplines, it is often difficult to grasp those concepts and approaches structurally to direct those to a collaborative work beyond disciplines to problem solving for real safety and security issues. What kinds of concepts and approaches are relevant to the linkage between science and security in safety and security fields? How can we look at them structurally to be applied to solve problems? We address those issues through systemic views in the lecture and group work.

◆**3rd Session (1 course, 1 credit)**

“Linking Science and Society: Pathways to Link Researches to Actions “

Date: December 8, 2016 18:30-20:00

Venue: Higashi Ichijyo-kan Lecture Hall 2nd Floor

<Summary>

This session will focus on how you address research boundaries for actions, that is, how you can collaboratively work with other researchers and other practitioners beyond different fields to solve problems at the real site. The session will seek for how to look at the boundaries among researches, or between the researchers and practitioners/ policy communities/ civil society. The session will address mind-sets for individuals, tips for coordination and collaborative works for problem solving. The students will test their capabilities to address research boundaries through cases.

<Activity type>

Lecture / Group work (Workshop style)

<Obligation of attendee>

Active participation in Group work