



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

**Interdisciplinary Seminar (1 session course)
【 # 53-(1)】**

**Don't panic, it's just fire ant: top 10 things
you have to know about fire ant**

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Date: December 19, 2017, Time: 16:30- 18:00

Venue: Shishukan Hall (HIGASHI ICHIJOKAN, basement floor)

<Summary>

Biological invasions by ants are regarded as one of the main drivers of global biodiversity loss, environmental change and reduced humanosphere sustainability. The red imported fire ants, *Solenopsis invicta*, one of the world's worst invasive ants, have been discovered in numerous container yards at 12 seaports of Japan recently. No field population has been reported by far, suggesting the invasion of fire ant remains at very early stage. At this particular stage, delivery of proper information and knowledge of this invasive ant is urgently needed. Here in this seminar, with experience of more than a decade working with this invasive ant, I select 10 most critical facts regarding the fire ant as the main body of my talk, which will cover the ant's fundamental biology, potential impacts, control strategy as well as remedies&first-aid information. Research outcome in my lab, along with its potential management implication, will be addressed as well. International students, particularly from East Asia and Southeast Asia, are encouraged to attend the seminar as these regions are at as high risk of fire ant invasion.