

**Target Countries :** It is preferable to join by the counterparts of JICA's Project

**Course No. :** 201984776-J002

**No. :** 201984776

**Sector :** Urban/Regional Development/Other Urban &Regional Development Issues

**Sub-Sector :** Disaster Risk Reduction/Comprehensive Disaster Risk Reduction

**Language :** English

**Outline**

In this decade, extremely large disasters of earthquake and tsunami happen in the world, causing a lot of casualties. Safe buildings can be constructed through appropriate building codes and regulatory systems. This course aims to learn about the improvement of building codes, regulatory systems and disaster prevention policies through Japanese experiences.

Objective/Outcome	Target Organization / Group	
<p><b>【Objective】</b>                      To mitigate disasters and damages on buildings by building codes, regulatory systems and capacity development of construction sector.</p> <p><b>【Outcome】</b>                      1. To understand the outline of building codes and regulatory systems and the disaster prevention policies of buildings in Japan.                      2. Based on the knowledge obtained, to identify the issue(s) to be solved in respect to building codes and regulatory systems in the participants' country.                      3. To make proposals to solve the issue(s).</p>	<p><b>【Target Organization】</b>                      Government or related organizations responsible for improvement of building codes, regulatory systems, and disaster prevention policies.</p> <p><b>【Target Group】</b>                      1. be officials in the government or related organizations currently in charge of establishment of building standards.                      2. have more than 5 years of experience in the related field.                      3. be university graduates or equivalents                      4. be under 50 years of age</p>	
<p style="text-align: center;"><b>Contents</b></p> <p>&lt;Preliminary Phase&gt;                      Preparation of Inception Report</p> <p>&lt;Core Phase in Japan&gt;                      1. Building Regulation in Japan</p> <p>2. To understand the Disasters and Disaster Mitigation Policies                      Disaster Mitigation Strategy, Mechanism of Earthquake and Tsunami, Past Earthquakes and Restoration, Earthquake Disaster Countermeasures, Urban Development for Disaster Prevention. Earthquake/Tsunami Disasters and Tools in the World</p> <p>3. To understand Structural Safety                      Reinforced Concrete Buildings, Steel Structure Building, Wooden Houses, Structural Stability of Buildings, Seismic Isolation System, Seismic Retrofitting Technology</p> <p>4. To understand the safety against disasters such as fire and typhoons                      Testing Methodologies for Building Fire Safety, Building Standards on Fire Safety</p> <p>5. To understand International Cooperation                      Safer Non-Engineered Houses for Earthquake Disaster Reduction, Measures Taken to Reduce Building Damages in the Developing Countries</p> <p>※In this program, we introduce "Active Learning" approach to promote knowledge co-creation among participants.</p>	<p><b>Course Period</b></p>	2019/6~2019/7
<p><b>Department in Charge</b></p> <p><b>JICA Center</b></p>		Infrastructure and Peacebuilding Department
	<p><b>Cooperation Period</b></p>	JICA Tokyo (Economy&Env.)
2018~2020		

<p><b>Implementing Partner</b></p>	The Building Center of Japan
<p><b>Remarks and Website</b></p>	