Toward a World without Nuclear Weapons
Challenge of Nagasaki University

Prof. Satoshi Hirose
Research Center for Nuclear Weapons
Abolition
Nagasaki University
11:02 AM, 9th August 1945
Map of the physical damage caused by A-bomb

Around 70,000 lives lost
Effect of Atomic Bomb 1 “Blast”

（Destroyed Urakami Cathedral）
Effect of Atomic Bomb 2 “Heat”

Melted Bottles
Effect of Atomic Bomb 3 "Radiation"

Diseases like Cancer, Leukemia, Chromosome abnormality
Destroyed buildings of Nagasaki Medical College
(Medical School of Nagasaki Univ.)
Destroyed factories of Mitsubishi (currently main campus of Nagasaki Univ.)
Casualties among staff and students of Nagasaki Univ. caused by A-bomb

Medical College                897 killed
Teachers’ College              55 killed
College of Economics           27 killed
Still, you can see in and around the campus
We still have **13,410 Nuclear Warheads**!
Toward the World without Nuclear Weapons

Atrocity of Nuclear Weapons = Motivation of Disarmament = Sensitivity: Necessity

Denial of Value of Nuclear Weapons = Methods of Disarmament = Reason: Possibility
Two major projects of Nagasaki Univ. concerning A-bomb

Atomic Bomb Disease Institute (1962): Medical treatment for survivors

Reality of damage by A-bomb = Sensitivity = Necessity

Research Center for Nuclear Weapons Abolition (RECNA) (2012): Analysis of Current Situation and Providing Policy Options

Theory of Nuclear Disarmament = Reason = Possibility
核兵器廃絶研究センター

RECNA

Research Center for Nuclear Weapons Abolition,
Nagasaki University
Major Works of RECNA

From Nagasaki to the World

- Research and Analysis on Nuclear Disarmament
- Education and Training on Nuclear Disarmament
- Implementing Outreach Programs
Research Theme 1 of RENA

Effective Theory for Nuclear Disarmament

Light

National Security

Heavy

Humanitarian Consideration
Military Power to Protect Country from Possible Attacks

Military Power to Deter Possible Attacks

Deterrence
Fundamental Contradiction in Deterrence

*Distrust*: Possible Military Attack  
*Trust*: Logical Assessment
Northeast Asia Nuclear Weapons Free Zone

Research theme 2 of RECNA

The 3rd Panel on Peace and Security of Northeast Asia (PSNA) Workshop in Moscow, 31 May 2018
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Publication of *Journal for Peace and Nuclear Disarmament*
Education and Training on Nuclear Disarmament

1) Offering classes on Nuclear Disarmament: undergraduate classes and graduate school

2) Training the Nagasaki Youth Delegation

3) Providing assistance to local elementary and high schools
The Nagasaki Youth Delegation members with H.E. Ambassador Syed Mohamad Hasrin Syed Hussin (Malaysia), Chairperson of the Third Preparatory Committee for 2020 NPT Review Conference (Nagasaki Univ. July 11 2019)
Implementing outreach programs

1) Convening open seminars, lectures and symposiums

2) Providing web-based user friendly data base on nuclear issues

3) Publishing Newsletters, Reports and Policy Papers
A scene from Open Seminar for Citizens
Nuclear Weapons are Not "Necessary Evil"
But "Absolute Evil"