



Aspirational Visions on Future of Civil Engineering

By

Japan Society of Civil Engineers

GLOBALIZATION

Civil engineers have a responsibility to create a sustainable world community through strong participation of public by utilizing best knowledge and achievements of civil engineering for the safe and comfortable living and welfare of people. For this purpose, the civil engineers must act with the affection for mankind without being restricted by the circumstances imposed for various reasons.

TECHNOLOGY

The civil engineers are required to develop technologies for the reduction of natural disasters, the protection and recovery of natural and urban environment, new energy alternatives, sustainable infra-structures and re-development of urbanized areas.

LEADERSHIP

Civil engineers are required to have broad knowledge and understanding on various disciplines, the abilities of management, decision making, communication, international activities, and respect to the cultures of others, and high morality and ethics.

Civil engineering should re-gain the reliance and respect of public and should re-attract capable, diligent young people to the profession.