

Three-stage development of science and technology and design and control of the Earth's environments

Toshikazu Ebisuzaki[1]; Shigenori Maruyama[2]

[1] DRI, RIKEN; [2] Earth and Planetary Sci., Tokyo Institute of Technology

Three steps of development of science are show here to predict our future of science, technology and society. The first is the stage of understanding by which rules in nature and human society can be deeply understood. If the rules are established, then we can predict the future precisely (second stage). If the predicted result is worse or worst, we design and control the system using technology (third step). Natural science in general was in the early stage of Step 1 in 20 Century and progressed to the late stage now, although still in the Stage 1 in general. In some specific branches, it developed into the Stage 3. We can see our future of human being, though not clear at present. We must make a design and control of world population in this Century, facing the worst tragedy at 2020 year coming soon. The debate of global warming seems to be a prelude of the worst tragedy through the human being whole history.