

Strategy of Geosciences in the United States-interactive top with bottom and special emphasis on outreach and education program-

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Japanese funding system for science and technology has been criticized for a long time due to its unbalanced top-down dominated one. Recently, many people point out that an interactive system between bottom-up and top-down is quite important to sustain our society as a highly developed country. US system is one of the examples. Geosciences strategies proposed by NSF and other funding agencies, which associate quite effective bottom-up systems, emphasize on importance of outreach and education program to develop the science, nations, and human beings. For example, the Earth Scope program proposes that GPS and seismometer network setting should involve local school-teachers, residents, and children. Then, they will understand the American continent, our planet and its environment. I have never heard of such a systematic large national program in Japan although a small outreach program is now common.