

Environmental Education

Cooperation with JICA Training Programs: Hayama Marine Science Laboratory

Kajima's Hayama Marine Science Laboratory provides annual support for training courses in sustainable fish farming offered to marine product specialists in developing countries by the Japan International Cooperation Agency (JICA). Researchers from Chile, Mexico, Palau and Saudi Arabia participated in the training program during fiscal 2005. This was the eighth program conducted at this facility, which has trained a total of 61 researchers from 29 countries who apply their skills in fisheries research to benefit institutes in their home countries.



Trainees receive instruction from a Kajima researcher

Cooperation with the Local Natural Science Program Offered by the Natural History Museum and Institute, Chiba

Kajima has developed a Wildlife Sounds Recognition System that uses a voice recognition engine to automatically distinguish the calls of birds and other animals, part of the expansion of its environmental monitoring and education businesses.

Since fiscal 2004, Kajima has provided handheld terminals (called *Kikimimi Zukin*) incorporating this sound recognition system for an education program conducted by the Natural History Museum and Institute, Chiba with the support of the Japan Science and Technology Agency that encourages children to use their sense of hearing to explore the local natural environment. Children observe birds by listening for their calls, recording the identification and place of discovery on maps, fueling their curiosity about the natural world around them.



Children enjoy bird watching

Traveling Lectures for Students and Adults Nationwide

The head of Kajima's environmental engineering division, Nobuo Sakurai, gives lectures on the environment at schools and community centers nationwide, covering such areas as ocean research, planning and design of fisheries, and environmental conservation surveys. These lectures are not general lectures on observing and appreciating nature, but are in-depth explorations of the relationship between wildlife and man-made structures along embankments and other areas, drawing on Kajima's extensive experience with such issues.



Lecture at a junior high school in Hiroshima