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Radioactivity Exploration

From the Arctic to the Antarctic

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Our first Arctic expedition was "Ymer-80" conducted during 1980 from June 23 to October 6. The aim was to commemorate the discovery of the Northeast Passage by Adolf Erik Nordenskiöld in 1878-1880. Bengt Forkman professor at Lund University, engaged the professor in radioecology Bertil Persson, to arrange an environmental radioactivity research program for the Ymer-80 expedition. He in turn engaged his student Elis Holm who was investigating plutonium isotopes in the environment. For the logistics we found Kjell-Åke Carlsson, mechanical engineer at the department of radiation physics at Lund University. After a successful Ymer-80 expedition we continued the exploration of radioactivity from the Arctic to the Antarctic with the following expeditions arranged by the Swedish Polar Research Program: The expedition "SWEDARP" 1988 -1989, started from Gothenburg with destination Antarctica. In 1991 the Arctic Ocean with the Swedish icebreaker M/S Oden. During 1994 the joint Swedish-Russian "Tundra Ecology-94" with the Russian ice-breaking research vessel R/V Akademik Fedorov as platform went along the Siberian coastline. Finally, in 1996 the Arctic Ocean with the M/S Oden.

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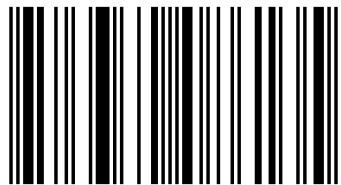


Bertil RR Persson
Elis Holm

Radioactivity Exploration

From the Arctic to the Antarctic

Bertil Persson, born Oct. 12, 1938 in Malmö, Sweden Doctor of Philosophy at University of Lund, Sweden (1970), Full Professor in Medical Radiation Physics at University of Lund (1980-2005), Radioecological studies of the fall-out from nuclear weapons and exploring polonium-210, technetium-99 and trans-uranium elements in the Arctic environment



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