

# EMERITI RECOGNITION

## DR. ZYGMUNT KOWALIK

PROFESSOR OF OCEANOGRAPHY, EMERITUS

Dr. Zygmunt Kowalik has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1981 to 2013.

He has a long history of research in the waters surrounding Alaska, ranging from the Arctic Ocean to the Gulf of Alaska, earning an international reputation for his work on physical oceanography and numerical methods for investigating ocean dynamics, with a focus on tides, tsunamis, currents and storm surges, and has been cited as being the world leader in numerical modeling of tsunami waves for three decades.

He has been a major professor and thesis advisor for eight doctoral and four master's degree students, and has taught a variety of graduate-level classes on numerical modeling of ocean dynamics, based on his own textbooks, at UAF as well as abroad.

He has been very active in local and international community service, including serving as a Foreign Member to the Polish Academy of Science since 1999, and in Alaska, has shared his expertise and computer programs with the Alaska Tsunami Warning Center, increasing the potential to save lives and prevent property damage along Alaska's coastlines as a result of tsunamis.

The University of Alaska Fairbanks expresses its deep appreciation to Dr. Zygmunt Kowalik for his extensive contributions to the State of Alaska and to the University.

---