

Standing Committee to Advise the Gulf Research Program (GRP) on the Understanding Gulf Ocean Systems Initiative

Committee

Eileen E. Hofmann

Chair

Dr. Eileen Hofmann is a Professor and Eminent Scholar in the Department of Ocean and Earth Sciences and a member of the Center for Coastal Physical Oceanography, both at Old Dominion University in Norfolk, VA. Her research interests are in the areas of physical-biological interactions in marine ecosystems. She has published extensively in marine ecosystem modeling and other areas of marine research and has co-edited several special issues of journals and books. Dr. Hofmann's contributions to modeling physical-biological interactions in marine systems were recognized by her election as a Fellow of the American Geophysical Union (AGU). She is Co-Editor-in-Chief for Deep-Sea Research Part I. Dr. Hofmann received a B.S. in biology from Chestnut Hill College, M.S. and Ph.D. degrees in marine sciences and engineering from North Carolina State University.

Steven Anderson

Member

Dr. Steven Anderson is a Senior Principal Scientist at Areté. Before joining Areté in 2009, Dr. Anderson was a Chief Scientist at Horizon Marine for nine years. Dr. Anderson is an oceanographer and engineer with experience in upper ocean dynamics, instrument design, and operational oceanography. He has conducted basic research on internal gravity waves, mixed layer dynamics, air-sea interaction, remote sensing, and Loop Current dynamics. His engineering development experience includes acoustic Doppler profilers, air-deployable oceanographic instrumentation, meteorological sensors, and remote sensing systems. Dr. Anderson has directed government and industry-sponsored research and development programs. Dr. Anderson received his Ph.D. in applied ocean sciences from Scripps Institution of Oceanography, U.C.S.D. and was an assistant scientist at Woods Hole Oceanographic Institution for six years.

Elva Escobar-Briones

Member

Dr. Escobar is a full-time professor in oceanography at UNAM's ICML. She has been a leader in advancing science and knowledge in biodiversity of the Mexican deep-sea ecosystems financed by the Mexican Science and Technology Council, UNAM's science funding programs. The resulting information are timely delivered to decision-making to define policies, design conservation networks and programs in the deep ocean in the Mexican EEZ and in ABNJ. Her long-term ecological research in the deep-sea Gulf of Mexico is strategic to guide the long-term planning actions in partnership with national and international institutions. She has authored and coauthored with students and collaborators a large set of publications in the Web of Science and Science Citation Index, book chapters and books. The national evaluation systems have merited her in the highest science recognitions of Mexico namely, level III at the national researcher's system and type D of UNAM's performance program. She implemented and still maintains a quality management system under the NMX-CC-9001-IMNC-2015 and ISO 90001: 2015 standards for the sampling of deep-sea sediment using a multiple corer. Her research has been conducted over the past three decades in more than 45 oceanographic expeditions in the Eastern Tropical Pacific, the Gulf of Mexico and the Northern Caribbean Sea serving in many as chief scientist. Her cruise data and metadata are available in open access format at UNINMAR, UNAM's institutional repository. Among the most recent recognitions UAM-Iztapalapa's Distinguished Graduate Alumna Recognition, Marianas de la Mar Recognition by the French Embassy and the National Award on Carbon research. Dr. Escobar-Briones received her Ph.D. in biological oceanography from Universidad Nacional Autónoma de México.