

## 9 LIST OF PREPARERS

Name	Education/Expertise	Contribution
<b><i>Bureau of Ocean Energy Management</i></b>		
Tamara Arzt	J.D./M.P.A., NEPA, Environmental Law and Policy; 12 years of experience working on a variety of national, State, and local environmental policy and legal issues.	NEPA compliance reviewer
Gene Augustine	M.S., Biology, aquatic ecology concentration; B.S. Biology, environmental biology; 34 years of impact assessment and natural resource planning and management, including 30 years of experience in Alaska ecosystems.	NEPA coordinator for the Alaska region and technical review
Melissa Batum	M.S., Geology; 14 years of experience in the field of geology.	Project Coordinator, oil spill risk reform, Reviewer; physical environmental, geological hazards
Gregory Boland	M.S., Biological Oceanography; 37 years of experience in offshore environmental research, primarily benthic biology including coral reef and deep-sea ecology.	Reviewer; benthic habitat
Perry Boudreaux	M.S., Marine and Environmental Biology; 6 years of experience in wetland impact analysis and environmental assessment.	NEPA coordinator for the Gulf of Mexico region (Draft PEIS phase)
Jerry Brian	M.S., Applied Economics and Management with a focus on environmental and resource economics; 9 years of experience in socioeconomic research and environmental analysis.	Reviewer; socioeconomics
Megan Butterworth	M.S., Marine Science; B.S., Marine Science; B.S., Biology; 4 years of experience in biological oceanography and marine science.	Reviewer; human health impacts; marine mammals, reptiles, invertebrates, fish, EFH, Areas of Special Concern, water quality
Chris Campbell	M.A., Anthropology Cultural Resources; 40 years of experience in Alaskan anthropological research and field work; 33 years of NEPA experience.	Reviewer; socioeconomic, sociocultural, subsistence, environmental justice, archaeology
Bob Cameron	M.S., Meteorology; 30+ years of experience in meteorology and climate issues.	Reviewer; climate change

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Sidney F. Chaky	M.A., Sociology; 19 years of experience.	Reviewer; land use and infrastructure, scenario
Douglas Choromanski	B.S., Geology; 30 years of experience in site clearance shallow hazards surveys.	Reviewer; site clearance surveys
Catherine Coon	M.S., Fishery Biology; 20 years of fisheries, habitat ecology, and spatial statistics of Alaska marine resources.	Reviewer; EFH, fish, lower trophics
James Craig	Ph.D., Geology; 29 years of experience in Alaska geology, E&D scenarios, costs, and fair market value evaluations.	Reviewer; provided exploration & development scenarios and schedules, inputs for both the MAG_PLAN and OECM models
Deborah Cranswick	32 years with OCS Program; 20 years NEPA; 9 years AK Region; 7 years EAS chief	NEPA compliance and OCS program reviewer
Christopher Crews	B.S., Wildlife Biology, minor Natural Resources; B.S. Biological Sciences; 6 years analytical experience (NEPA), 4 years landscape/grazing management	Reviewer; terrestrial mammals, pinnipeds
Jennifer Culbertson	Ph.D., Biology; 11 years of experience in coastal biology/chemistry and applied ecology	Reviewer; marine and coastal habitats; water quality; ecoregions
Jeffrey Denton	M.S., Wildlife Management; 38 years of experience in wildlife and wildlife habitat management, research, and environmental assessment.	Reviewer of biological resources
Nancy Deschu	B.A., Zoology/M.S., Civil Engineering (water resources).	Reviewer; water quality, fish, EFH
Norman Froomer	Ph.D., Geography and Environmental Engineering; 35 years of experience in coastal research and environmental assessment.	Project manager; purpose and need, alternatives, scenarios, marine spatial planning
Jeffrey Gleason	Ph.D., Zoology (avian ecology); 7 years of experience in analysis.	Reviewer; birds
Donald (Tre) W. Glenn, III	Ph.D., Environmental Engineering; 10 years of experience in impact analysis.	Reviewer; reptiles and marine mammals
Kelly Hammerle	MPA, Environmental Policy emphasis; B.S. Fisheries and Wildlife; 7 years of experience in environmental assessment.	Project manager, logistics coordinator, NEPA compliance, comment analysis and response, purpose and need, Alternatives, Reviewer

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Larry Hartzog	M.S., Fisheries Limnology; 34 years of experience as environmental scientist preparing environmental impact analysis, endangered species coordination/consultation and mitigation planning.	Reviewer; coastal and marine habitats and fish
Louis Heying	Obtaining B.S. in Geography and Environmental Planning; 4 months internship experience	Comment analysis
Dirk Herkhof	M.S., Meteorology; 36 years of experience in air quality impact analysis, meteorological and air quality studies, and NEPA.	Reviewer; air quality and climate; air emissions estimates
Tim Holder	Master of Urban Planning; 12 years of experience in urban planning, 19 years working for MMS in Alaska, 2 years for MMS in the GOM as a socioeconomic specialist, and 2 years in MMS/BOEMRE HQ as Arctic Liaison.	Coordinating with Alaska cooperating agencies; reviewer; sociocultural
Dan Holiday	Ph.D., Physical Sciences and Biological Oceanography; 8 years of experience in environmental modeling of primary productivity, and the biology and ecology of oceanographic and estuarine trophic systems.	Reviewer; lower trophics, vegetation and wetlands, oceanography, climate, and cumulative effects
Mark Jensen	M.S. Economics; 10 years of experience in economic analysis, research, and document preparation.	Reviewer; sociocultural, tourism/recreation, commercial/recreational fishing, Areas of Special Concern
Walter Johnson	Ph.D., Marine Science, Physical Oceanography; 30 years of experience in coastal oceanography and numerical ocean modeling; 22 years of oil spill modeling.	Reviewer; oil spill-related information
Brian Jordan	Ph.D., Natural Resource Science and Management; M.S., Forestry with specialization in wood science; B.A. Anthropology with a minor in classical studies; 18 years of experience in underwater archaeology, submerged cultural resource management, historic preservation, and marine policy.	Reviewer; sociocultural
Arie R. Kaller	Ph.D., Oceanography and Coastal Sciences; 11 years of experience in coastal vegetation and nekton research, and 2 years of NEPA document preparation.	Reviewer; coastal and marine habitats, EFH, and fish

Name	Education/Expertise	Contribution
Elizabeth Leonard	B.S., Agriculture; 28 years of agricultural, environmental, flood control, and navigation economic experience; 2 years as a Coastal Impact Assistance Project Officer, and 1 year of environmental science experience.	NEPA coordinator for the Gulf of Mexico region (Final PEIS phase)
Jill Lewandowski	M.S. Environmental Science and Policy; Ph.D. in progress; 15 years of experience in protected species assessment.	Reviewer; marine mammals, sea turtles, and acoustic environment
James Lima	Ph.D., Political Science; Socioeconomic Specialist; 25 years of experience in marine-related social science research, ocean and coastal management, and environmental assessment.	Reviewer; socioeconomics
Matthew Lux	B.S., Geography.	Reviewer; GIS data/maps
Robert Martinson	M.S., Zoology; B.S., Biological Science; 32 years NEPA and environmental compliance experience with particular emphasis on wetlands and aquatic and coastal ecology.	Reviewer and comment resolution for purpose and need; alternatives
Tershara Matthews	Ph.D. candidate, Coastal Sciences; 16 years of experience and research in coastal research.	Reviewer
Lori Monroe	J.D.; 26 years of legal experience, including preparing and reviewing legal documents, both environmental and non-environmental in nature.	Reviewer; legal review
Dave Moran	M.S., Zoology; 27 years professional experience in applied environmental science.	Reviewer; invertebrates and lower trophic levels
Constance Murphy	B.S., Soil Science; 16 years in environmental science, consulting, assessment, and remediation; 3 years in editing.	Administrative Record
Michelle K. Nannen	M.S., Marine Environmental Science; 10 years of experience in benthic and fisheries ecological studies and environmental assessment.	Reviewer; marine benthic habitats and marine pelagic habitats
S.E. O'Reilly	Ph.D., Environmental Geochemistry; 9 years of experience in mineralogy/ (bio) geochemistry as related to water quality.	Reviewer; water quality

Name	Education/Expertise	Contribution
Robert Peterson	M.S., Geology; 32 years offshore oil and gas experience; Chief Resource and Economic Analysis Section, AKOCS.	Reviewer; economic impacts
Richard Prentki	Ph.D., Chemical Oceanography; 30 years in Agency as OSRA Coordinator and COR.	Reviewer; geohazards
John Primo	Ph.D., MA Ecological and Applied Anthropology; marine, aquatic and coastal social science; experience with community and regional profiling (i.e., fishing communities, lakeside communities); experienced researcher; research portfolio and project management background.	Reviewer; sociocultural systems, environmental justice, and archaeological and historic resources
Virginia Raps	M.S., Aeronautical Science; B.S., Mathematics and Meteorology; 16 years of NEPA planning experience focusing on air quality impact analysis; 17 years of experience National Weather Service and Naval Weather Service surface and upper air analysis.	Reviewer; meteorology, climate change, and air quality impacts
Rick Raymond	M.S., Environmental Sciences; 23 years fish and wildlife analysis, wetlands, NEPA and environmental assessment.	Reviewer; avian sections for Alaska
Michael Routhier	J.D., M.S.E.L.; 3 years of experience in environmental planning and regulatory compliance.	NEPA reviewer
Mark Schroeder	M.S., Wildlife Biology; 25 years of government experience.	Reviewer
Lois Simenson	M.S., Environmental Science; 13 years of experience in coastal research and environmental assessment.	Coastal Zone Management Coordinator, BOEM Alaska
James Sinclair	M.S., Biological Sciences; 17 years of experience with coastal and offshore organisms and ecosystems research.	Reviewer; ecoregional settings
David Sire	B.S. Forest management; 23 years of experience in preparing and reviewing NEPA compliance documents.	NEPA compliance reviewer
Kimberly Skrupky	B.S., Environmental Science, Wildlife Conservation; 13 years of experience in environmental policy and marine biology.	Reviewer; marine mammals, sea turtles, and acoustic environment

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Caryn Smith	M.S., Oceanography; 23 years of experience oil spill risk analysis and environmental assessment.	Reviewer; Alaska OCS region oceanography and sea ice, oil spill analysis
Bill Swears	M.A., English; 20 years of experience in reading, writing, and editing Federal technical documents and regulations.	Accuracy checking; language consistency: purpose and need, alternatives
Lisa Treichel	M.S., Technology Management, Environmental and Waste Management Option/B.S., Forestry and Wildlife; 24 years environmental experience.	NEPA compliance reviewer
Poojan Tripathi	M.S., Plant and Soil Science; 7 years of experience as an interdisciplinary environmental science with expertise hydrology, water quality, wetlands, and NEPA.	Comment analysis and response, Reviewer; water quality, purpose and need, alternatives
Sally Valdes	Ph.D., aquatic ecology; 25 years of science/science policy experience.	Reviewer; biological resources, commercial fisheries
Jeffrey Walker	B.S., Geological Engineering; 35 years of experience managing oil and gas projects on the Alaska OCS.	Reviewer
Sharon Warren	Program Analysis Officer; 10+ years of experience in review of environmental analyses related to land management and oil and gas activities in Alaska.	Reviewer
Kate Wedemeyer	M.S., Fisheries; M.S., Natural Resource Management; 24+ years in Alaskan fish and habitat management and related environmental assessments.	Reviewer; fisheries
Geoffrey Wikel	M.S., Marine Science; MPP; 11 years of experience in coastal geomorphology and oceanography.	Project manager, risk of a catastrophic discharge event, comment analysis and response, purpose and need, alternatives; Reviewer
James Woehr	Ph.D., Ecology, avian ecologist; 30+ years in avian research and management.	Reviewer; birds
Eric Wolvovsky	M.S., Geographic Information Systems; B.S., Meteorology; 1.5 years of air quality experience	Reviewer; air quality

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<b><i>Argonne National Laboratory</i></b>		
Timothy Allison	M.S., Mineral and Energy Resource Economics; M.A., Geography; 20 years of experience in regional analysis and economic impact analysis.	Population, employment and income; environmental justice; tourism and recreation; commercial and recreational fisheries
Bruce Biwer	Ph.D., Chemistry; 20 years of experience in environmental assessment.	Document manager
Brian Cantwell	B.S., Forestry; 28 years of experience in mapping and geographic information systems.	Technical lead for maps and spatial analysis
Adrienne Carr	Ph.D., Geological and Environmental Sciences; 5 years of experience in hydrological studies and impact analysis.	Water quality
Young-Soo Chang	Ph.D., Chemical Engineering; 24 years of experience in air quality and noise impact analysis.	Meteorology and air quality; acoustic environment
Vic Comello	M.S., Physics; 34 years of experience in technical writing and editing.	Lead technical editor
Deborah Elcock	M.B.A.; 30 years of experience in energy and environmental assessment.	Public scoping
Laura Fox	B.S., Biology; 9 years of experience in environmental research and assessment.	Cumulative impacts research (Gulf of Mexico)
John Gasper	M.S., M.P.H.; Environmental Health Science; 37 years of experience in energy and environmental research and assessment.	Project management, public scoping
Linda Graf	Desktop publishing specialist; 40 years of experience in creating, revising, formatting, and printing documents.	Document assembly and production
Fontaine Grant	B.A., 20 years of experience in program management.	Public scoping
Mark Grippo	Ph.D., Biology; 5 years of experience in aquatic resource studies and impact analysis.	Marine benthic and pelagic habitats; essential fish habitat; invertebrates and lower trophic levels; areas of special concern; commercial and recreational fisheries

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John Hayse	Ph.D., Zoology; 24 years of experience in marine and freshwater ecology research; 24 years of experience in environmental assessment.	Fish resources and essential fish habitat; seafloor habitats; areas of special concern; fisheries
Ihor Hlohowskyj	Ph.D., Zoology; 31 years of experience in ecological research; 27 years in environmental assessment.	Argonne project manager; purpose and need; marine and coastal ecoregions; exploration and development scenarios; accidental oil spill scenarios; marine and coastal birds
Elizabeth Hocking	J.D.; 25 years of experience in environmental and regulatory analysis.	Public scoping
Leslie Kirchler	Ph.D., Urban, Technological, and Environmental Planning; Ph.D., Landscape Architecture; 8 years of experience in land use planning and environmental assessment.	Land use and infrastructure
Louis Martino	M.S., Environmental Toxicology; 35 years of experience in environmental remediation and assessment.	Public scoping
Maureen McHugh	M.E.M., Environmental Economics and Policy; 3 years of experience in environmental research and assessment	Cumulative impacts research (Cook Inlet)
Robert N. McWhorter	B.S., MFR (Forest Resources); 25 years of experience in environmental assessment; 15 years of experience in public outreach.	Scoping meeting support
Ellen Moret	M.P.P., Public Policy; B.A., Environmental Studies; 7 years of experience in environmental assessment.	Public scoping comments
Michele Nelson	Graphic designer; 32 years of experience in graphical design and technical illustration.	Graphics
Ben O'Connor	Ph.D., Civil Engineering; 5 years of experience in hydrological studies and impact analysis.	Climate change; oceanography
Daniel O'Rourke	M.S., Industrial Archaeology; B.A. History and Anthropology; 17 years of experience in archaeology.	Archaeological and historic resources
Jana Padovano	B.A., Communications and Marketing; 20 years of experience in administrative support	Project administrative support lead; public scoping meeting support

Name	Education/Expertise	Contribution
Terri Patton	M.S., Geology; 22 years of experience in environmental research and assessment.	Geologic hazards; cumulative impacts
Pamela Richmond	M.S., Computer Information Systems; 16 years of experience in Web site development and related technology.	Public web site development
Lorenza Salinas	Desktop publishing specialist; 28 years of experience in creating, revising, formatting, and printing documents.	Document assembly and production
Kerri Schroeder	Desktop publishing specialist; 30 years of experience in creating, revising, formatting, and printing documents.	Document assembly and production
Albert E. Smith	Ph.D., Physics; 37 years of experience in policy analysis, air and noise impact assessment, and regulatory analysis.	Air quality impacts; acoustic impacts
Carolyn M. Steele	B.A., English; B.A., Rhetoric; 5 years of experience in technical writing and editing.	Editor
Robert Sullivan	M.L.A., Landscape Architecture; 24 years of experience in visual impact assessment and simulation.	Infrastructure and land use; public web site development
Robert Van Lonkhuyzen	B.A., Biology; 21 years of experience in ecological research and environmental assessment.	Coastal and estuarine habitats
Bruce Verhaaren	Ph.D., Archaeology; 21 years of experience in archaeological analysis; 17 years of experience in environmental assessments and records management.	Sociocultural systems; records management
William Vinikour	M.S., Biology with environmental emphasis; 34 years of experience in ecological research and environmental assessment.	Mammals
Leroy Walston, Jr.	M.S., Biology; 6 years of experience in ecological research and environmental assessment.	Reptiles
Angela Ziech	B.A., Chemistry, M.P.P., Public Policy; 5 years of experience in environmental research and assessment	Cumulative impacts research (Gulf of Mexico)
Emily Zvolanek	B.A., Environmental Science; 3 years of experience in GIS mapping.	GIS mapping

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