

# Chapter 7 Preparers

## 7.1 NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

| Name                                 | Qualifications/Experience  |
|--------------------------------------|--|
| <b>PREPARERS</b>                     |  |
| Michael J. Savonis (Project Manager) | <p data-bbox="397 514 1445 556">M.R.P., Cornell University; B.S., Chemistry, State University of New York – Buffalo</p> <p data-bbox="397 556 1445 619">25 years of experience in transportation policy, with extensive expertise in air quality and emerging environmental issues</p>   |
| Carol Hammel-Smith (Project Manager) | <p data-bbox="397 682 1445 745">M.P.A., Environmental Management and Policy, University of Colorado; B.A., Political Science, University of Colorado</p> <p data-bbox="397 745 1445 808">20 years of experience in environmental impact assessment</p>   |
| Sarah Alves                          | <p data-bbox="397 871 1445 913">J.D., Boston University School of Law; B.A., Astronomy and Physics, Boston University</p> <p data-bbox="397 913 1445 976">1 year of legal experience; 2 years of experience in macroeconomic analysis</p>  |
| Brigid Decoursey                     | <p data-bbox="397 1039 1445 1081">B.S., Biochemistry; B.S., Environmental Policy, The University of Tulsa</p> <p data-bbox="397 1081 1445 1144">3 years of experience in transportation-sector environmental-policy analysis</p>   |
| Kevin Green                          | <p data-bbox="397 1207 1445 1249">M. Eng., Applied &amp; Engineering Physics; B.S., Applied &amp; Engineering Physics, Cornell University</p> <p data-bbox="397 1249 1445 1312">17 years of experience in vehicle emissions analysis and regulation</p>  |
| Michael M. Johnsen                   | <p data-bbox="397 1375 1445 1438">M.S., Environmental Science and Policy, Johns Hopkins University; B.S., Natural Resource Management, University of Maryland</p> <p data-bbox="397 1438 1445 1501">20 years experience in the environmental field; extensive experience in NEPA and climate change</p>  |
| Don H. Pickrell                      | <p data-bbox="397 1564 1445 1627">Ph.D., Urban Planning, M.A., Urban Planning, University of California, Los Angeles; B.A. (with high honors), Economics and Mathematics, University of California, San Diego</p> <p data-bbox="397 1627 1445 1690">30 years of experience in applied transportation economics, including 15 years of experience in analysis of environmental impacts of transportation activity</p> |

| Name  | Qualifications/Experience   |
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| <b>PREPARERS (cont'd)</b>   |   |
| Kerry E. Rodgers  | <p>J.D., New York University School of Law; M.E.S., Environmental Studies, Yale University School of Forestry &amp; Environmental Studies; A.B., Biology, Brown University</p> <p>12 years of experience in environmental law</p>               |
| Henrietta Spinner   | <p>D.B.A., California Coast University; M.B.A., Howard University; B.S., Virginia State University</p> <p>19 years of fuel-economy and regulatory experience; 10 years of budgeting and quantitative analysis experience</p>                    |
| Mark Talty  | <p>J.D. Candidate, University of Baltimore School of Law; B.S., Political Science, Northeastern University</p> <p>1 year of legal experience</p>  |
| Kevin Wang  | <p>J.D. Candidate, University of Maryland School of Law; B.S. Civil Engineering, University of California, Davis</p> <p>2 years of experience in structural, hydraulic, and environmental engineering; less than 1 year of legal experience</p> |
| Jessica G. Wilson   | <p>J.D., College of William &amp; Mary; B.A., International Affairs, James Madison University</p> <p>4 years of legal experience</p>  |
| <b>REVIEWERS</b>  |   |
| Julie Abraham, Director, Office of International Policy, Fuel Economy and Consumer Programs | <p>M.S., Bioengineering, University of Michigan; M.S., Electrical Engineering, Wayne State University</p> <p>16 years of experience in domestic and international vehicle safety and fuel economy rulemaking</p>                                |
| John Donaldson  | <p>J.D., Boston College Law School; B.A., Economics, Cornell University</p> <p>24 years of experience in vehicle safety issues, including environmental impact assessments</p>  |
| Helen L. Serassio   | <p>J.D., S.J. Quinney College of Law, University of Utah; B.S., Political Science, University of Utah</p> <p>8 years of legal experience in NEPA and environmental issues</p>   |

| Name                      | Qualifications/Experience  |
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| <b>REVIEWERS (cont'd)</b> |  |
| Stephen P. Wood           | <p>J.D., Columbia Law School; B.A., Political Science, Williams College</p> <p>39 years of experience in vehicle safety rulemaking and 33 years in fuel economy rulemaking</p> |

## 7.2 CONSULTANT TEAM

ICF International supported the National Highway Traffic Safety Administration (NHTSA) in conducting its environmental analysis and preparing this Environmental Impact Statement.

| Name/Role   | Qualifications/Experience   |
|---|---|
| <b>PROJECT MANAGEMENT</b>                               |   |
| Alan Summerville, Officer in Charge                     | <p>M.A., City Planning, University of Pennsylvania; B.A., Economics and Political Science, University of Vermont.</p> <p>18 years of experience participating in and managing the preparation of NEPA documents</p>   |
| Michael Smith, Project Manager                          | <p>Ph.D., Sociology, Utah State University; M.A., Geography, University of Wyoming; B.A., Environmental Studies (Honors), University of California</p> <p>15 years of experience in environmental impact assessment</p>   |
| Karen Fadely, Deputy Project Manager                    | <p>M.E.M., Conservation Science and Policy, Duke University; B.S., Biology, Bucknell University</p> <p>8 years of environmental experience; 3 years participating in and managing the preparation of NEPA documents</p>   |
| <b>TECHNICAL AND OTHER EXPERTISE (alphabetically)</b>   |   |
| Linda Amato, AICP, Document Review Lead                 | <p>M.U.R.P., Community Planning &amp; Design, The George Washington University; B.A., Art History, State University of New York – Stony Brook; Certificate, Technical Writing &amp; Communication, Bellevue Community College</p> <p>23 years of experience in managing and preparing environmental documentation</p> |
| Jeffrey Ang-Olson, Senior Technical Air Quality Advisor | <p>M.C.P., City Planning, M.S., Transportation Engineering, University of California – Berkeley; B.S., Electrical Engineering, Rice University</p> <p>12 years of experience analyzing the air quality impacts of transportation programs, plans, and projects</p>  |

| Name/Role  | Qualifications/Experience   |
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| <b>TECHNICAL AND OTHER EXPERTISE (alphabetically) (cont'd)</b> |   |
| Nicholas Baker, Comment Analyst                                | <p>M.E.M., Conservation Science and Policy, Duke University; B.S., Wildlife Biology, Colorado State University</p> <p>1 year of experience in preparing NEPA documents</p>  |
| Leiran Biton, Air Quality Analyst                              | <p>M.S., Environmental Science, University of North Carolina, Chapel Hill; B.A., Environmental Science &amp; Policy and Theater Arts, Clark University</p> <p>2 years of experience in environmental analysis</p>   |
| Brent Bouldin, Editor  | <p>M.A., Communications, Louisiana State University – Baton Rouge; B.S., Communications, University of Texas – Austin</p> <p>30 years of experience in managing document publications, including environmental impact statements and resource management plans</p>  |
| Adam Brundage, Climate Change Modeling Analyst                 | <p>M.E.M., Environmental Management, Duke University; B.S., Atmospheric Science, McGill University</p> <p>3 years of experience assessing and analyzing climate change issues</p>   |
| David Burch, Human Health Analyst                              | <p>M.E.M., Environmental Chemistry and Toxicology; B.S., Chemistry, Duke University</p> <p>13 years of professional experience in human-health risk and exposure assessment and environmental chemistry and toxicology, including 3 years of related experience assisting with preparation of NEPA documents.</p> |
| Edward Carr, Air Quality Analyst                               | <p>M.S., Atmospheric Science, University of Washington – Seattle; B.S., Chemistry, Duke University</p> <p>14 years of experience in assessing mobile source air toxic emissions</p>   |
| Jenny Chen, Energy Analyst                                     | <p>M.A., Urban Planning and Policy, University of Southern California; B.A., Economics (Summa Cum Laude), University of California, Irvine</p> <p>2 years of experience in researching fuels and technology for NEPA documents</p>  |
| Laura Cooper, Editor   | <p>B.A., Psychology, Reed College</p> <p>18 years of experience writing and editing technical documents; 3 years of experience managing publications processes and teams</p>  |

| Name/Role  | Qualifications/Experience  |
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| <b>TECHNICAL AND OTHER EXPERTISE (alphabetically) (cont'd)</b> |  |
| Charlotte Coultrap-Bagg, Climate Change Analyst                | <p>B.A., Environmental Studies, with honors, Dartmouth College</p> <p>4 years of experience in assessing the impacts of climate change</p>   |
| Elizabeth Dederick, Human Health Analyst                       | <p>Ph.D., Environmental Health Policy, M.H.S., Environmental Health Sciences, Johns Hopkins Bloomberg School of Public Health; M.A., Ethics, Union Theological Seminary; B.A. Renaissance Studies, Davidson College</p> <p>5 years of experience analyzing human environmental health effects with emphasis on chemical exposure and risk assessment</p> |
| David Ernst, Team Leader, Air Quality                          | <p>B.C.R.P., Environmental Policy, Harvard University; B.S., Urban Systems Engineering; B.A., Ethics and Politics, Brown University</p> <p>28 years of experience preparing air quality analysis for NEPA documents</p>  |
| Cristiano Facanha, Safety Analyst                              | <p>Ph.D., Civil and Environmental Engineering; M.S., Transportation Engineering, University of California, Berkeley; M.S., Management of Transportation, Chalmers University of Technology, Gothenburg, Sweden; B.S., Industrial Engineering, Federal University of Rio de Janeiro, Brazil</p> <p>5 years in transportation analysis.</p>                |
| Mark Flugge, Climate Change Analyst                            | <p>Ph.D., Atmospheric Chemistry; M.C., Chemistry, University of Oxford, United Kingdom</p> <p>10 years of experience analyzing atmospheric chemistry, greenhouse-gas, and climate-change issues</p>  |
| Randall J. Freed, Senior Technical Climate Change Advisor      | <p>M.S., Water Resource Management; B.S., Zoology, University of Maryland – College Park</p> <p>33 years experience in assessing and managing environmental risk; 14 years of experience assessing climate-change issues</p>   |
| Frank Gallivan, Air Quality Analyst                            | <p>Master of City Planning, University of California, Berkeley; B.A., Economics/Classical Archaeology, Dartmouth College</p> <p>2 years of experience preparing economic and environmental analyses for NEPA documents</p>   |
| Ralph Grismala, P.E., Quality Control                          | <p>M.S., Civil Engineering, B.S., Civil Engineering, Massachusetts Institute of Technology</p> <p>30 years of experience in geothermal and environmental impact analyses</p>   |

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| <b>TECHNICAL AND OTHER EXPERTISE (alphabetically) (cont'd)</b>   |   |
| Philip Groth, Climate Change Analyst                             | <p>Master of Planning, University of Southern California – Los Angeles; B.A., Anthropology, Williams College</p> <p>4 years of experience in climate change analysis</p>  |
| Steven Hackett, Land Use Analyst                                 | <p>Ph.D., Economics, M.S., Economics, Texas A&amp;M University; B.S., Agricultural Business/Economics, Montana State University</p> <p>19 years of experience analyzing economic impacts</p>  |
| John Hansel, Senior NEPA Advisor                                 | <p>J.D., Cum Laude, American University; B.A., Economics, University of Wisconsin – Madison</p> <p>30 years of experience managing the preparation of NEPA documents</p>  |
| Melinda Harris, Lead, Climate Change Cumulative Impacts Analysis | <p>M.A., Economics; B.A., Economics, University of Maryland</p> <p>20 years of experience analyzing economics and environmental policy analysis, including 12 years in assessing climate change impacts</p>   |
| William Hartley, Air Quality Analyst                             | <p>M.S., Atmospheric Sciences, University of Washington – Seattle; B.S., Physics North Carolina State University</p> <p>10 years of experience in air quality analysis</p>  |
| Joseph Herr, Climate Change Analyst                              | <p>B.S., Natural Resources, B.S., Business Administration, University of Vermont – Burlington</p> <p>3 years of experience in air quality analysis</p>  |
| David Johnson, Coastal Analyst                                   | <p>B.S., Biology, Minors in Geology and Chemistry, University of Minnesota – Twin Cities</p> <p>9 years of experience assessing aquatic resources; resource inventory and classification; impact assessment; permitting assistance; regulatory compliance</p>   |
| Penelope Kellar, Technical Editor                                | <p>M.S., Ecology, University of California – Davis; B.S., Conservation of Natural Resources, University of California – Berkeley</p> <p>25 years of experience in environmental science writing and editing, with extensive expertise in communication environmental assessments and 2 years in NEPA document preparation</p> |

| Name/Role  | Qualifications/Experience   |
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| <b>TECHNICAL AND OTHER EXPERTISE (alphabetically) (cont'd)</b> |   |
| Whitney Kihlstrom, Research Assistant                          | <p>B.S., Environmental Science, University of North Carolina – Chapel Hill</p> <p>1 year of experience assisting with NEPA document production</p>  |
| Robert Lanza, P.E., QA/QC Lead                                 | <p>M. Eng., Chemical Engineering, B.S., Chemical Engineering, Cornell University</p> <p>20 years of experience in preparing and reviewing NEPA documents</p>  |
| Andrew Leung, Energy Analyst                                   | <p>B.S., Economics, Carnegie Mellon University</p> <p>2 years of experience in energy analysis</p>  |
| Brian Lutenegeger, Safety Analyst                              | <p>Master of Urban Planning, University of Michigan; B.S., Sociology &amp; Political Science, University of Wisconsin – Madison</p> <p>1 year of experience in the preparation of NEPA documents</p>  |
| Amalia Marenberg, Climate Change Analyst                       | <p>B.S., Environmental Science, University of Maine – Farmington</p> <p>1 year of experience assisting in NEPA document preparation</p>   |
| Suzanne Martos, Research Assistant                             | <p>B.S., Science of Earth Systems: Biogeochemistry, B.S., Biology, Cornell University</p> <p>1 year of experience assisting in NEPA document preparation</p>  |
| Stacy McDowell, Document Coordinator                           | <p>B.S., Environmental Studies, Portland State University</p> <p>6 years of experience in project coordination, publication development, and production</p>   |
| William Mendez, Jr., QA/QC Analyst                             | <p>Masters, Public Policy Program, John F. Kennedy School of Government, Harvard University, Ph.D., Biochemistry, University of Chicago, B.S., Natural Sciences, Colgate University</p> <p>29 years of experience in assessing human-health risks</p> |
| Rawlings Miller, Human Health Analyst                          | <p>Ph.D., Atmospheric Sciences, University of Arizona; M.S., Aerospace Engineering, Boston University; B.S., Physics, Union College</p> <p>5 years of experience modeling the impacts of climate issues</p>   |

| Name/Role  | Qualifications/Experience  |
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| <b>TECHNICAL AND OTHER EXPERTISE (alphabetically) (cont'd)</b> |  |
| Christopher Moelter, Terrestrial Analyst                       | <p>M.E.M., Environmental Tourism, University of Queensland, B.S., Zoology, University of Wisconsin – Madison</p> <p>5 years of consulting on environmental issues; 1 year of experience in preparing NEPA documents</p>  |
| Danielle Monteverde, Research Assistant                        | <p>B.S., Environmental Studies, Bucknell University</p> <p>1 year of experience assisting in NEPA document production</p>  |
| Deborah Munkburg, Land-Use Analyst                             | <p>M.Plan., University of Minnesota, Humphrey Institute of Public Affairs; BA, Urban Planning, 1980, University of Washington, College of Architecture and Urban Planning</p> <p>20 years of experience in land-use analyses and NEPA documentation</p>  |
| Rick Nevin, Alternatives Analyst                               | <p>M.M., Concentration in Finance, Managerial Economics, and Strategy, J.L. Kellogg Graduate School of Management, Northwestern University; M.A., Economics, Boston University; B.A., Economics and Mathematics, Boston University</p> <p>25 years of experience managing and preparing environmental, energy, and economic analyses</p> |
| Andrew Papson, Air Quality Analyst                             | <p>M. Eng., Transportation Engineering, University of California – Berkeley; B.S., Materials Science, Stanford University</p> <p>2 years of experience analyzing vehicle emissions and fuel efficiency</p>   |
| Melissa Pauley, Freshwater Analyst, Comment Analyst            | <p>M.S., Environmental Science and Management, Duquesne University; B.S., Environmental Studies, Bucknell University</p> <p>4 years of consulting on environmental issues; 1 year of experience in preparing NEPA documents</p>  |
| Bill Pepper, Climate Change Team Leader                        | <p>M.A., Mathematics, Temple University; B.S., Mathematics, University of Maryland</p> <p>20 years of experience modeling and evaluating climate change issues</p>   |
| Annah Peterson, Comment Analyst                                | <p>M.E.M., Environmental Economics and Policy, Duke University; B.A., Biology, Reed College</p> <p>1 year of experience preparing NEPA documents</p>   |

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| <b>TECHNICAL AND OTHER EXPERTISE (alphabetically) (cont'd)</b> |  |
| Marybeth Riley, Terrestrial Analyst                            | M.S., Atmospheric Science, Cornell University; B.S., Geology, University of New Mexico<br>3 years of experience in climate change analysis   |
| Kathleen Rooney, Transportation Analyst                        | M.P.P., Environmental Policy, University of Maryland – College Park; B.A., Political Science, Tulane University.<br>5 years of analyzing environmental and transportation policies, planning, and programs   |
| Arlene Rosenbaum, Technical Director                           | M.P.H. Environmental Health Planning, University of Michigan; M.S. Engineering-Economic Systems, Stanford University; B.S. Chemistry, University of Michigan<br><br>25 years of experience in environmental health analysis, population exposure assessment for air pollutants |
| Zeta Rosenberg, Energy Analyst                                 | M.A., Economics, George Washington University, Ph.D (less dissertation) History; B.A. and M.A., History, with Honors, University of Toronto, Canada<br>3 years of experience in energy analysis  |
| Karen Savage, Transportation Analyst                           | M.A., Public Systems Planning, Transportation, University of California – Los Angeles; B.A., Urban Planning, University of Washington<br>30 years of experience analyzing environmental impacts of transportation programs and planning  |
| Liz Schoeneck, Human-Health Analyst                            | B.S., Public Health, Environmental Sciences and Engineering, University of North Carolina – Chapel Hill<br>5 years of experience with a focus on exposure assessment and risk assessment   |
| Andy Shapiro, Human-Health Analyst                             | B.S., Public Health, Environmental Health Science, University of North Carolina – Chapel Hill<br>1 year of experience analyzing human-health impacts   |
| Judith Shipman, Technical Editor                               | A.A., General Studies, University of South Carolina – Aiken<br>30 years of experience in NEPA document preparation, including technical writing and editing, document production support; document production coordination   |

| Name/Role   | Qualifications/Experience   |
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| <b>TECHNICAL AND OTHER EXPERTISE (alphabetically) (cont'd)</b>  |   |
| Jennifer Singer, Terrestrial Analyst                            | <p>M.A., Urban and Environmental Policy and Planning, Tufts University; B.A., Politics, Honors, Brandeis University</p> <p>4 years of experience analyzing ecosystem impacts</p>  |
| Allison Stork, Comment Analyst                                  | <p>M.S., Geography, University of Tennessee – Knoxville; B.A. Geography; B.A. English, State University of New York – Geneseo</p> <p>1 year of experience in preparing NEPA documents</p>   |
| Fran Sussman, Climate Change Cumulative Impacts Analysis Lead   | <p>Ph.D., Economics; M.A., Economics, University of Maryland; B.A., Economics, State University of New York – Stony Brook</p> <p>20 years of experience in climate change analysis</p>  |
| Audrey Turley, Human Health Analyst                             | <p>M.S., Mechanical Engineering, North Carolina State University; B.A. Mathematics, Texas A&amp;M University</p> <p>2 years of experience analyzing toxicological effects of inhaled particulate matter and executing models to calculate human exposure and risk based on air quality data</p> |
| John Venezia, Climate Change and Economics Analyst              | <p>M.S., Environmental Science and Policy, Johns Hopkins University; B.S., Biology and Environmental Science &amp; Policy, Duke University</p> <p>10 years of experience analyzing the technical and economic aspects of global climate change issues</p>                                       |
| Nate Wagoner, Other Environmental Impacts Analyst, Comment Lead | <p>M.S., Human Dimensions of Ecosystem Science and Management, Utah State University; B.S., Natural Resources Integrated Policy and Planning, Ohio State University</p> <p>5 years of experience in environmental impact analysis</p>   |