

Sustainable Settlements Charrette
Rethinking Encampments for Refugees and Displaced Populations
10–14 February 2002

Participant Bios

Dr. Mark Adkins is the Director of Research at the University of Arizona's Center for the Management of Information at the University of Arizona. His areas of interest include small group interaction, group decision making, group support systems, group writing, organizational communication, and the impact of information technologies on human interactions. For 15 years Mark has been teaching and conducting research in the fields of Communication and Information Technology. He has taught courses in small group decision making, organizational communication, communication skills, public speaking, and group facilitation. Mark has facilitated for a number of DoD and Corporate organizations. His research has been sponsored by a number of organizations including: Defense Advanced Research Projects Agency; U.S. Air Force Research Laboratory; U.S. Army Research Laboratory; National Science Foundation; and Defense Environmental Security Corporate Information Management (DESCIM). He has a doctorate in human communication from the University of Arizona and is a GroupSystems® facilitator at the Center for the Management of Information.

Dr. Maurice Albertson is president of Village Earth and Professor Emeritus at Colorado State University. He has been an educator, engineer and scientist with an unwavering commitment to the betterment of humankind for more than 40 years. During his career, Dr. Albertson has filled a number of positions with major international organizations and educational institutions in designing, managing, and evaluating major international projects. These positions include: Director of the US Congressional Study on the Peace Corps (which became the design of the Peace Corps), Chairman of the US National Committee for the International Commission on Irrigation and Drainage, Consultant to UNESCO, USAID, UNDP, World Bank, and National Energy Administration of the Government of Thailand; and President of the Rocky Mountain Research Institute. He also designed and created the Asian Institute of Technology in Bangkok, Thailand in 1959. He holds a Ph.D. in Hydraulic Engineering and a doctorate in Physical Science, from the University of Grenoble, France.

Bernard Amadei is Professor of Civil Engineering at the University of Colorado at Boulder. Prof. Amadei is interested in the topics of sustainability, green construction, and renewable energies. He is leading a new paradigm shift in engineering education and practice called Earth Systems Engineering (ESE). This new initiative emphasizes the interaction between engineering structures (the built environment) and natural systems. He is also the Founder and current President of Engineers Without Borders (EWB-USA), an outreach program and non-profit organization dedicated to helping the economic development of rural areas in developing countries with their engineering needs for water, sanitation, and energy systems. The mission of EWB-USA ranges from the construction of sustainable systems that rural communities can own and operate without external assistance, to empowering such communities by enhancing local social,

technical, managerial, and entrepreneurial skills. One of Prof. Amadei's goals is to promote sustainable development and system thinking in the curriculum and research of civil engineering programs at CU Boulder and other U.S. universities. He obtained his MaSc. degree in Civil Engineering in 1979 from the University of Toronto, Canada and his Ph.D. degree in Civil Engineering in 1982 from the University of California, Berkeley, California.

Fauzia (Faye) Sharifi Assifi is a founding member of Afghan Women Association of Southern California, a non-profit organization that provides community services for seniors and youth, in addition to humanitarian help for Afghan women and children in Afghanistan. She is the Co-Founder of the Women's Coalition for Middle East & Asia, a non-profit organization which provides community services in Southern California. She is a Board member of the Afghanistan Peace Council, the Afghan Medical Association of America, and the Laguna Niguel Preserve. Fauzia has been a Member of the United Nation Women's Organization and the American Women's Organization in Bangkok, Thailand, the World Affairs Council of Los Angeles, and of the Women's Club of Laguna Beach. She serves as the Chair for Fundraising of Laguna Niguel Rotary Club, and is a volunteer for Afghan American Youth of Southern California, for Laura's House Shelter in San Clemente, and the South Orange Cancer Society. She has also served as a Peace Corps Instructor teaching Afghan culture and language in Colorado. Fauzia is the Founder & President of Fauzia's Gems, Exclusive designs and minerals. She has extensive experience in sales and marketing for a number of international hotels. She has a B.A. Business Education, University of Kabul, Afghanistan, diplomas in Finance, Barclays College, San Bernardino, California, Hotel Marketing & Sales, Washington State University, Washington, Science of Gemology, Gemological Institute of America, and has done graduate work in psychology, University of Utah, Salt Lake City, Utah (MA).

Janine M. Benyus is a life sciences writer and author of six books, including her latest--*Biomimicry: Innovation Inspired By Nature*. In *Biomimicry*, she names an emerging science that seeks sustainable solutions by mimicking nature's designs and processes (e.g., solar cells that mimic leaves, agriculture that looks like a prairie, organizations that run like a redwood forest). Janine's other titles include an animal behavior guide entitled *Beastly Behaviors* and three ecosystem-first field guides: *The Field Guide to Wildlife Habitats of the Western US*, *The Field Guide to Wildlife Habitats of the Eastern US*, and *Northwoods Wildlife: A Watcher's Guide to Habitats*. She ghostwrote *The Bodywise Woman: Reliable Information about Physical Activity and Health* for the Melpomene Institute for Women's Health Research. She now writes popular books in the life sciences, consults with sustainable business and government leaders, serves on the Dream Team at Interface, Inc., and gives talks about what we can learn from the genius that surrounds us. Janine is a graduate of Rutgers University, New Jersey, with degrees in Natural Resource Management and English Literature/Writing. She has worked as a backcountry guide as well as a "translator" of science-speak at several research labs. Janine feels fortunate to live in the Bitterroot Valley in Montana, where she is actively involved in community planning and wilderness protection.

Catherine Bragdon – Spanning a 20-year career in the interior furnishings industries, Catherine currently holds a part time position as the Director of Sustainable Strategies at Interface Research Corp, a division of Interface, Inc. As liaison to a think tank led by Ray Anderson to steer their company towards a goal of sustainability known as the Dream Team, she facilitates the interactions of the consultants and meshes their ideas and goals with that of Interface's vision to become the world's first restorative company. Formerly Vice President of Product Development and Marketing, Catherine led the concept and creative development including product design, development and advance research functions at Guilford of Maine, a division of the Interface Fabrics Group, which serves the interiors industry with soft surface needs. She has consulted with several organizations on business development and recently participated in the development of an NSF grant in support of the work of Janine Benyus on Biomimicry. Prior to joining GOM in 1998, Catherine held various positions at Herman Miller, Inc. over a 10-year period, the last of which was in New Business Development. Bragdon founded Creamer Textile Design in 1985, a design studio in NYC, which provided product prototypes for the textile industry and design consulting services. She has been a member of the faculty of the Parson School of Design and the New School for Social Research in NYC and as an artist, shown her work nationally. Her woven ikats are included in several private collections. Catherine lives in West Michigan along with her husband, three children, a menagerie of pets and a jungle of orchids.

Barrett C. Brown is the International Development Director for The Sustainable Village and Marketing Director for Village Alliance. Both companies are social ventures, where all profits fund micro-enterprise, renewable energy and appropriate technology projects in developing countries. Barrett is responsible for crafting strategies, creating partnerships and deploying marketing programs. Barrett has worked extensively in communications, marketing and sales. He has founded businesses in fair-trade importing, direct marketing and communications consulting, working in Bolivia, Peru, Alaska, California and Vermont. Barrett is currently studying the confluence of Natural Capitalism, Social Entrepreneurism, Integral Business (using Ken Wilber's model), Spiral Dynamics (using Don Beck's model) and the anti-corporate globalization movement. Barrett speaks Portuguese and Spanish, performs publicly on stilts, and plays the Native American flute. Barrett and his wife, Rita (also a stilt-performer), live in Boulder, Colorado.

David Bruce, award winning film maker, is currently serving as director of communications and media for ZERI North America. David started his film work in NYC 28 years ago in animation, graphics, and special effects. Through the years the emphasis has changed from effects to live action, from commercials, music videos and network openings to longer form documentaries. "I've always been a student of science and sustainability, so I love the chance to work with ZERI. I look forward to collaborating with others to broadcast the innovative ideas we are all developing, and to tell the stories which will give the public a new perspective on how things can and should be. Like many of you, I have kids. We're all working for them."

Peter Buxton, Surgeon Commander, joined the Royal Navy as a medical cadet in 1981 whilst a medical student at Oxford University from where he graduated with a MA(Oxon) in Physiological Sciences in addition to his medical degrees. He undertook general duties in the surface fleet, serving in destroyers and mine counter measures vessels, and in shore establishments. Following a brief period as a medical senior house officer at Royal Naval Hospital Haslar he started a 5 year training programme in diagnostic radiology and was appointed a Consultant Radiologist in 1994. He was appointed the Tri-Service Adviser in Telemedicine to Surgeon General in 1998, Consultant Adviser in Radiology to Medical Director General (Navy) in 2000 and Surgeon General's Defence Consultant Adviser in Radiology in 2002. He is the UK national representative on the NATO Telemedicine Panel and chairs one of this panel's subcommittees. He sits on the Information Technology Committee of the Royal College of Radiologists. He has published, in peer reviewed literature, 9 radiological papers and 5 papers on telemedicine. He has been invited to give keynote addresses and major presentations at numerous national and international telemedicine conferences. He has developed, with colleagues in the Telemedicine Unit, a complete telemedicine software package, which is currently on trial.

Clare Cooper Marcus is Professor Emerita in the Departments of Architecture and Landscape Architecture at the University of California, Berkeley. The author of a number of books — *Easter Hill Village: Some Social Implications of Design*; *Housing as if People Mattered: Site Design Guidelines for Medium-Density Family Housing* (with Wendy Sarkissian); *People Places: Design Guidelines for Urban Open Space* (with Carolyn Francis); *Healing Gardens: Therapeutic Benefits and Design Recommendations* (with Marni Barnes); and *House as a Mirror of Self: Exploring the Deeper Meaning of Home* — she has also contributed numerous articles to design and academic journals. Her work has received a number of awards and she has lectured and consulted in the U.S., Canada, Britain, Scandinavia, Australia, and China. Current work includes two books “in progress”: *Cohousing: Architecture and a Sense of Community* and *Iona Dreaming: The Healing Power of Place*. *Healing Landscapes*, a consulting firm (principals: Clare Cooper Marcus and Marni Barnes) offers services related to the programming, design, and evaluation of outdoor spaces in healthcare settings. Her areas of special interest include medium-density housing, public housing modernization, public open space design, children’s environments, housing for the elderly, post-occupancy evaluation of designed settings, design guidelines, healing environments, and the psychological meaning of home and garden.

Arthur Cuyugan is the senior member of the Technical Service Teams for Center for the Management of Information (CMI). He is also an undergraduate at the University of Arizona. As the senior member, he maintains and assigns the daily operations for all Technical Service Teams. His duties include assisting in the network administration of CMI computer operations. He has acquired skills in Group Systems Facilitation that has enabled him to work and travel to unique places. Most recently, he has facilitated in The Center of Excellence located in Hawaii. He has participated in the design of collaborative spaces aboard the USS Coronado (Command ship of the U.S. Navy Third Fleet). He plans to graduate May 2001 where he hopes to make a career in a computer related field.

Leonard (Len) J. Duhl, M.D. is Professor of Public Health and Urban Planning, University of California, Berkeley; Clinical Professor of Psychiatry, University of California, San Francisco. He currently is editor or reviewer for a number of scholarly journals and other publications, including but not limited to: *Revista de Saude Publica* (Brazil); *Journal of Social Epidemiology*; *Journal of Epidemiology and Community Health*; *Journal of Prevention*; *Journal of the American Medical Association*; Johns Hopkins Press; and others. Len has also served as: 1968-91 Professor of City Planning, University of California, Berkeley; 1973-76 Director, Dual Degree Option and Integrating Seminars, Health and Medical Sciences Program, UC Berkeley; 1972-76 Health and Medical Sciences Program, UC Berkeley; 1971-73 Co-Director, Documentation and Evaluation of The Experimental Schools Programs, Berkeley Unified School District, Berkeley, CA; 1966-68 Special Assistant to the Secretary, Department of Housing and Urban Development, Washington, D.C.; 1964-66 Chief, Office of Planning, National Institute of Mental Health, Bethesda, Maryland. He resides on a number of boards such as the Coordinating Council, Coalition of Healthier Cities and Communities; the Menninger Foundation, Topeka, Kansas; and the International Healthy Cities Foundation. Education: Washington Psychoanalytic Institute, 1964; Menninger School of Psychiatry, 1954; Albany Medical College - M.D., 1948; Columbia University - A.B., 1945.

Jason Elliott – Since his first visit to Afghanistan in 1979, at the age of 19, British writer Jason Elliott has journeyed through that troubled nation several times, during the Soviet occupation, which ended in 1989, as well as afterward. Two of those visits, including time spent fighting with the anti-Soviet mujahedin resistance, became the basis for a recently published book, "An Unexpected Light," a travelogue and paean to what he describes as "a place you either love or hate. I came to love it for better or worse."

Pliny Fisk III is Co-director of the Center for Maximum Potential Building Systems, founded in 1975. His training is in architecture, ecological land planning, and systems sciences. His architecture and planning work for the Center revolves around the creation of a shared framework for design, ecological master planning, and green specification. Based on the combination of a life-cycle framework, inter-scalar performance using an infinite grid GIS projection system, and ecological footprinting, the approach can be related to a range of design and planning issues. The design methodology is equally incorporated into architectural design, eco-village master planning, city or regional design and planning. From an architectural design standpoint the Advanced Green Building Demonstration and the Laredo Demonstration Farm have created what some refer to as "the design icons for the next century". He holds the Bruce Goff Chair for Creative Architecture at the University of Oklahoma and is the Hearin Distinguished Fellow at Mississippi State University. Pliny's work and the work of the Center for Maximum Potential Building Systems have had a total national and international exposure of over 200M people during the period between 1999-2001 including mass media, books, architectural journals, and conference proceedings.

Dr. Ashok Gadgil has a doctorate in Physics from University of California, Berkeley. He is a Senior Staff Scientist and Group Leader in the Environmental Energy Technologies Division of Lawrence Berkeley National Laboratory. He has substantial experience in technical, economic, and policy research on energy efficiency and its implementation -- particularly in developing countries. For example, the utility-sponsored compact fluorescent lamp leasing programs that he has pioneered are being successfully implemented by utilities in Mexico and Brazil. When scaled up, as currently planned by these utilities, these programs will delay the construction of several thousand megawatts of electric generation capacity with their associated adverse environmental impacts. He has several inventions to his credit, among them the "UVWaterworks," a technology to inexpensively disinfect drinking water in the developing countries, for which he received the Discover Award in 1996 for the most significant environmental invention of the year. Dr. Gadgil has received several other awards and honors for his work, including the Pew Fellowship in Conservation and the Environment in 1991 for his work on accelerating energy efficiency in developing countries. He serves on several international and national advisory committees dealing with energy efficiency, and issues of development and the environment. He is also a member of the STAP roster of experts of the Global Environmental Facility. He has authored or co-authored 63 papers in refereed archival journals and 89 conference papers.

John Gage is the Chief Researcher and Director of the Science Office, for Sun Microsystems, Inc. He is responsible for Sun's relationships with world scientific and technical organizations, for international public policy, and governmental relations in the areas of scientific and technical policy, and for alliances with the world's leading research institutions. John is the creator of NetDay, a volunteer project to bring the resources of world high-technology companies to all schools and libraries to connect them to the internet. He attended the University of California, Berkeley, the Harvard Kennedy School of Government, and the Harvard Graduate School of Business, and did doctoral work in mathematics and economics at the University of California, Berkeley.

Dr. Gerard Gibbons is president and founder of Visual Eyes Inc., an advanced multimedia and story production company based in Southern California. For more than 16 years, Visual Eyes has grown to serve Fortune 1000 corporate, government, and defense markets. Dr. Gibbons' company focuses on medical, biotech and advanced technology fields covering such topics as humanitarian assistance, global disease surveillance, robotic surgery, and alternative power generation. Visual Eyes has gained an impressive reputation for creating high impact marketing, training and educational multimedia for broadcast use, computer-based applications and for delivery over the internet. In addition to being an eye doctor, Gerard is also a noted presenter, author and consultant in these areas: broadband media applications, interactive multimedia, web-marketing and distance learning. His Visual Eyes team develops marketing media strategies, training programs, interactive courseware and scenario-based storytelling that capture attention, increase understanding and encourage action. Gerard personally guides clients to better strategies for using multimedia to energize and enlighten decision-makers, customers, employees, and the world.

Jonathan "Jock" Gill is President and Founder of Penfield Gill, Inc., a consulting firm specializing in New Media communications, marketing, and strategic planning. The firm also provides its clients with special scouting services: people, ideas, and companies. From 1993 to 1995, Mr. Gill was Director of Special Projects in the Office of Media Affairs at The White House, where he was a key member of the communications innovations team which introduced electronic publishing, public access email to the President, and, in October 1994, the first White House web site - [Welcome to the White House](#). Previously, he was a consultant to the 1992 Clinton/Gore presidential campaign, responsible for all public access e-mail and electronic publishing activities. Mr. Gill is a frequent speaker on the history and future of information technology and new media. He has also been a senior product manager at Lotus Development Corporation, and was the founding president of Computer Access Corporation.

Janet Ginsburg is a Chicago-based writer and producer. Her articles have appeared in a number of publications, including the *Chicago Tribune*, *Frontline* (website) and *BusinessWeek* magazine. Although Janet has written about everything from ancient architecture to retailing, she is especially interested in energy, natural resource and health issues. She has also developed documentary projects for *Discovery*, *TBS* and *National Geographic*, traveling throughout the United States, Europe, Mexico and Cuba on assignment.

Steve Gliessman, Alfred E. Heller Professor of Agroecology for the Department of Environmental Studies at the University of California, Santa Cruz, has more than 25 years of teaching, research, and production experience in agroecology. After his graduate work, he lived in Latin America for almost 10 years where he farmed coffee and vegetables in Costa Rica, managed an ornamental plant business in Guadalajara, Mexico, and taught tropical agroecology at an agricultural college in Cardenas, Tabasco, Mexico. For the last 20 years he has taught agroecology, natural history, ethnobotany, and natural resource management in the Department of Environmental Studies at the University of California, Santa Cruz. He was the founding director of the UC Santa Cruz Agroecology Program, occupies the Alfred Heller Endowed Chair of Agroecology, and recently authored the first textbook of Agroecology now available in English, Portuguese, Spanish, and Farsi. Steve frequently leads international workshops and training courses in agroecology, and consults broadly on sustainable agriculture. Much of his research has focused on issues threatening the sustainability of agriculture, with a particular focus on small, family farms and farming communities. He pioneered the development of research approaches that help farmers through the difficult transition from conventional to alternative and more sustainable farming practices. He also farms organic wine grapes and olives with his wife on their family farm in northern Santa Barbara County, California. Steve holds a B.A., M.A., Ph.D., University of California, Santa Barbara.

Michael Hawley, Director of Special Projects, has a passion for exploration. On the faculty of MIT for nearly a decade, Hawley has worked on a wide array of creative projects with students in Electrical Engineering, and in the Media Lab where he held the Alex. W. Dreyfoos professorship. He is co-founder of Things That Think, a groundbreaking research program that explores the limitless ways digital media will

infuse everyday objects. He also founded and led Toys of Tomorrow, which engages many of the world's leading toy companies to invent wonderful new playthings, and Counter Intelligence, to explore domestic technologies from the kitchen countertop and beyond. His research career has involved psychology and human-computer interfaces (at the Bell Telephone Laboratories in Murray Hill), computer music (at IRCAM in Paris, France) and pioneering work in digital cinema at Lucasfilm, Ltd (in San Rafael, CA), where he was a scientist in the Computer Research Division. At MIT he produced *A Day in the Life of Cyberspace* in 1995 and his team developed a number of new inventions for the 1997 WEARABLES event. In 1998 his research team deployed technology for the American Everest Expedition. Hawley is proudest of his students: his graduate and undergraduate teams have undertaken astonishingly ambitious field efforts, in places ranging from Iceland to Hawaii. Also an accomplished pianist, he has studied with Ward Davenny, Claude Frank, David Deveau, and Earl Wild, and performs occasionally. He was one of the winners in the Van Cliburn piano competition in 2000. He writes columns in *Technology Review* magazine. Hawley received undergraduate degrees in music and computer science from Yale University and did his doctoral work under Marvin Minsky at MIT.

William C. Holmberg is on the steering committee of the Sustainable Energy Coalition (America's most prominent grouping of renewable energy, energy efficiency, environmental and public interest organizations), the American Council for Renewable Energy, and the Patriots Energy Campaign. He is on the Board of the New Uses Council and a principal in the Sun Grant Initiative. Following 9/11, he has pioneered a campaign to involve NGOs, businesses and citizens in community-based nation building in Afghanistan. This effort has gained the support of the renewable energy, energy efficiency and sustainable agricultural communities. Bill graduated from the U.S. Naval Academy and served in the Marine Corps, where during his service, he was also a Soviet Specialist and a Russian linguist. He worked for the Environmental Protection Agency, working on Defense Department environmental issues, regional operations, nuclear power systems and pesticide programs. At the Department of Energy he helped set up and run the Office of Alcohol Fuels. He was also an advocate for renewable and energy efficiency programs, forming relationships with pioneers in those fields that prevail today. In that endeavor, he highlighted the importance of stabilizing greenhouse gases and the role of sustainable agriculture and biofuels in that effort. Upon retirement from government service, Bill has run several associations and businesses promoting the biorefinery concept: the use of all forms of biomass to produce biofuels, biochemicals and bioenergy. His most recent focus is on Integrated Farm Energy Systems for the production of ethanol, cattle, biogases and biofertilizers. The system will also incorporate solar, wind and geothermal technologies. Holmberg has advanced degrees in Personnel Administration, Russian Language, Soviet Affairs and in Amphibious and Integrated Combat Operations. He was recognized by President Bush in his address to the Naval Academy in May of 2001 and by Senator Daschle in a Congressional Record citation for his work on the biorefinery concept.

Gregory A. Hurst, P.E., Vice President/Principal, is a Civil Engineer with over 25 years of professional experience in land development related design, including infrastructure

planning, water, sewer, grading and drainage, hydraulic structure, irrigation system design, and water resource studies and design. As Director of the Site Engineering Services Team and a Principal at EDAW, Mr. Hurst is responsible for design and layout of domestic water systems, sanitary sewer systems, best management practices for storm water quality enhancement, storm drainage retention ponds and channels, irrigation systems, lake engineering and constructed wetlands, and water resource demand and balance studies. The emphasis for domestic and international work is on appropriate solutions and efficient, maintainable, and constructable designs. The majority of the engineering work performed under Greg's supervision is in concert with and supports landscape architecture, environmental planning, and EDAW's other core services.

Richard Kidd graduated from the United States Military Academy in 1986 and served as an Infantry Officer until 1991. After receiving a Masters Degree in Public and Private Management from Yale University, Richard joined the United Nations in 1993. As an Emergency Officer, Richard “traveled to the sound of the guns” serving in a variety of conflict and post-conflict areas to include Tajikistan, Moldova, Rwanda, Bosnia, and Afghanistan. He also worked in the Headquarters of WFP and UNHCR to develop and improve each organization’s emergency response and supply chain management capabilities. He has twice served as a Country Director for the World Food Programme and his last assignment with the United Nations was as the Deputy Program Manager for the UN Mine Action Program in Afghanistan. Returning to the United States, Richard joined the Vietnam Veterans of America Foundation where he lead the “Survey Action Center” in a pioneering effort to conduct comprehensive socio-economic surveys of the impact of war, mines and abandoned ordnance on post-conflict countries. Richard recently joined the U.S. Department of State where he serves as a Foreign Affairs Officer in the Bureau of Political Military Affairs.

Joanie Klar is the President of ZeriFoundation in North America and is also on the board of the International Bamboo Foundation. She has spearheaded a development project with the people of Timor in 1997 and is a founded member of the International Foundation of Hope (formerly the AFghan Peace Foundation). Sshe has spent half of her life living in Asia as a business consultant for projects focused on economic development, women, children, indigenous people and health. She has launched several businesses involving adventure travel, global marketing networks, fashion design and media projects.

Dr. John Kruse is a full-time as a Research Fellow at the Center for the Management of Information at the University of Arizona. His research has led him to work extensively with the U.S. Navy. John has spent a fair amount of time at sea on a number of ships. Primarily, his research is concerned with collaborative computing. Within that broad area he is most interested in providing situation awareness and decision support through collaborative tools. Another Air Force sponsored project Kruse has been working on is concerned with automatically detecting deceptive messages. Although he doesn't participate actively anymore Kruse was the commander of A Battery, 1-180th Field Artillery Battalion, Arizona Army National Guard. The battery serves as the direct support artillery to the 11th Armored Cavalry Regiment at Ft. Irwin, California. He has

also served as an air traffic controller, cavalry troop fire support officer, battery fire direction officer, battalion S-1 (staff personnel officer), battery executive officer, and as commander of C Battery, 2-180th Field Artillery. His artwork is included in the permanent collection of the Museum of Bad Art. Kruse says his greatest responsibility is looking after Java — his 105 pound male Akita.

Phil Lenton works for philanthropist Michael Watt and is based in Newcastle UK. He has been involved in sending ambulances to Cuba for four years and will have sent 150 by June 2002. Phil is also involved in developing a permanent sustainable settlement for 12,000 internally displaced persons in Mozambique who lost everything in the floods of 2001. This is in the area of Chupanga on the banks of the Zambesi river in Sofala province. Phil worked for a UK public service trade union (UNISON) for 30 years and developed trade union aid for developing countries through TU NGO Salud International. In 1994, his trade union sent him as an organizer to work in the first multi racial elections in South Africa, for the African National Congress, in the troubled province of Kwa Zulu Natal. He attended the charrette, representing Michael Watt, specifically to relate the outcomes of the charrette to our project in Mozambique.

Gay Mathews is the CEO of the North Hawaii Community Federal Credit Union, an island wide, low income community development credit union located on the north shore of the Big Island of Hawaii, a position she has held for the last 15 years. The credit union was originally chartered in 1955 to serve the needs of the sugar plantation town of Honoka'a, which dissolved in 1992. Gay is known throughout the state as being an innovative lender, creating a number of programs and products that serve the disadvantaged. The credit union has also been designated a CDFI by the US Treasury. Gay is a founding member and the current chairperson of the Hawaii Community Loan Fund, Hawaii's first statewide initiative to provide access to capital to individuals and groups when such services will benefit disadvantaged individuals & or economically distressed communities. In addition, she has served on a number of organizations and committees including community capacity building and economic development. Gay has been an active disaster services member of the American Red Cross for 25 years, holding a variety of local leadership positions.

S.J. (Terry) McKenna III has been with the Center for the Management of Information University of Arizona since 1993. During a prototype class in 1992, "The Quality Teaching Fellowship Program," encompassing three components of seminars, individual project, and double-loop-learning, his research interests in voice recognition brought him into contact with CMI. For the next two years he supported various research projects involving EMS room dynamics, collaborative graphic software tools, and technically supporting a MIS class. In 1994, he somehow inherited the task of supporting the three Electronic Meeting System (EMS) rooms. Once he deployed an in house e-mail system using Lotus Notes, he inherited support of the entire research center. This grew into a full time position now supported by another full time staff member and four to eight students. This team of individuals now supports roughly 200 in-house computers, including three fixed rooms, a portable network, and the computers of the Administrative, Research, and Programming staffs. As the technical team continually seeks new "toys" and work on

integrating new technologies into unlikely circumstances, they also provide consulting to the research and programming staffs. The technical support team is a forward deploying arm of CMI. Once a system is ready to be tested, the tech team deploys to a sponsor or test site to implement the new system.

Captain Scot Miller started his Naval career as a Naval Aviator after graduating from the United States Naval Academy in 1978. Scot flew the P-3 Orion maritime patrol aircraft where he deployed four times to Japan and the Indian Ocean. He also served as a flight instructor in the mid-1980s and as a catapult and arresting gear officer on an aircraft carrier. In the mid-1990s Scot changed his professional focus to naval operational experimentation and acquisition management. He was the first Director of the Navy's Sea Based Battle Laboratory and the first Director of the Navy's Network Centric Innovation Center. His primary interest areas have been in modeling and simulation, collaboration, humanitarian assistance/disaster relief operations, and communications. Scot holds three masters degrees. He enjoys marathons and golf.

Sue Ellen Moore is currently working as a government contractor, Engineer/Analyst for DARPA technology transformation and transition. She has been a Technical Support Specialist, facilitating information distribution web site configuration and database maintenance. Sue Ellen did scientific work with senior scientists and engineers in University research, design, experimental architecture development, installation, logistics, production and maintenance of a major program. In addition, she has experience in network and database design and support; qualitative evaluation of alternative solutions to problems and prepare justifications to support the most appropriate recommended solution; and has developed advanced concepts of automation on information acquisition, real-time processing, display control and transfer methods; and performed research on fundamental problems in the design and development. Sue Ellen has a Bachelor of Science in Computer Science (BSCS).

Gary Naughton has more than 40 years of professional experience as forester with 29 years as Extension Forester, Kansas State University (professor emeritus 1995); presently private consulting forester and Vice President, Foresters, Inc. International experience since 1981 in 17 countries around the world in Europe, Asia, Africa, South America; served four years as long-term technical advisor (field demonstration and outreach forester) on the USAID Forestry Planning and Development Project, Pakistan (1989-1993). Specialization in small tract farm forestry, forest products marketing, and agro-forestry. Author of over 50 articles on farm forestry, forest economics, and silviculture. Present member of the Society of American Foresters (Certified Forester No. 279 since 1995), President of the Kansas Chapter of the International Walnut Council.

Ken Novak is Director of Network Services; B.S., Computer Science, Yale. Ken manages CGNET's expanding network services and CGNET's growing technical network support staff. He is responsible for the planning and implementation of most of CGNET's network services. He has more than 20 years experience in wide-area network design and implementation. Previously Ken served as CGNET's lead consultant, traveling extensively performing consulting assignments in over 25 countries.

Michael Ogden, P.E., is a founding director of Natural Systems International. Since 1989, NSI (Formerly Southwest Wetlands Group) has completed more than 450 constructed wetlands projects varying in size from 450 gpd to 4.0 million gpd. throughout the U.S., Canada, and Mexico and most recently China. The company specializes in the design and implementation of natural treatment systems to treat municipal, residential, commercial, and industrial wastewater as well as non-point sources from mine tailings, landfills, agriculture as well as storm water run-off. Michael received a BSCE from the University of California (Berkeley) and a MBA from the University of Chicago. He is registered as a professional engineer in 6 states, and co-author with Craig Campbell of a textbook entitled “Constructed Wetlands in the Sustainable Landscape” published by John Wiley. Michael is the author of numerous technical papers on the subject of natural systems for wastewater treatment.

Orchestra Afghani plays mostly folk songs from the roots of Afghanistan and has performed in a lot of cultural events such as weddings and New Year's parties. The group consists of: Aziz Herawai, Afghani sitar; Wali Latifzada, vocals and harmonium; and Bari Latifzada, percussion (tabla).

Gunter Pauli is the founder of ZERI (Zero Emissions Research & Initiatives), which was begun in Japan in 1994 and seeks to reduce waste and pollution to zero by uncovering the "hidden assets" in ANY enterprise, and through innovative science, create multiple revenue streams, generate jobs and move toward zero waste and a healthy environment. He is a graduate of INSEAD, the prestigious European business school, and has spent several years as a lecturer and consultant for IBM. He's the former CEO of Ecover, has written eight management books, and is fluent in seven languages. ZERI has been involved in more than 25 projects around the world.

Morten Rugtved Petersen is a Planning Consultant in urban planning and international development with more than 10 years of professional experience in urban planning, human settlements, shelter and housing programs, planning of relief operations and co-ordination of reintegration activities leading to more conventional development programs. Morten has extensive experience in emergency situations, including identification/selection of camps sites, camp planning, camp construction/establishment, temporary shelter and rehabilitation of social infrastructure. He used to perform technical management and co-ordination of multiple sectors and agencies. He has worked extensively on inter-agency co-operation to bridge gaps between relief and development, which naturally has included intensive collaboration between agencies such as UNHCR, UNDP, WFP, UNICEF, ECHO, EU (DGVIII) and bilateral development agencies. Morten specializes in synthesizing multi-sectorial work experiences into environmental management training programs for relief workers. Holds a BSc. in Civil Engineering and a MSc. in Urban planning and International Development.

Stacy Plemmons is Managing Director of Village Earth. After a 29-year business career, Stacy retired from active service with Hewlett Packard during 2001 to use his experience

and background in public service. He has been working with Village Earth as a volunteer and consultant prior to being appointed as Managing Director. He holds a Bachelors Degree in Marketing and a Master of Science in Information Systems from Colorado State University. Most recently Stacy was the Region General Manager for Hewlett Packard's Complementary Product business in South East Asia, based in Singapore. Prior to that assignment he was Vice President and Country General Manager for Hewlett Packard India's Computer Systems business, based in New Delhi. In that capacity Stacy and his wife Nancy established a micro-credit program with their personal staff, and Nancy led creation of a cookbook that was used to establish a scholarship fund for "scheduled caste" children in New Delhi. During their time in New Delhi and Singapore Stacy and Nancy traveled extensively in rural India, Nepal, Thailand and throughout Southeast Asia, frequently observing and interacting with villagers and 'appropriate technology' systems.

Enrica Porcari currently serves as the Chief ICT Field Services at the United Nations World Food Programme, in Rome. While in this position she has been awarded a fellowship under the Reuters Digital Vision Programme at Stanford where she will be researching transitionable technologies for the first half of 2002. Previously, Enrica has held various positions as chief telecommunications (WFP), ICT coordinator (WFP), Director Telecommunications Department (Inter Press Service), Technical Officer (the UNDP Technological Information Promotion Service, Field Project Analyst (United Nations Food and Agriculture Organization), and as Special Project Coordinator at CGNET Services International a US-based organization that provides communications services to philanthropic and humanitarian organizations worldwide. Enrica has worked and traveled extensively throughout the world. She is fluent in Italian, English, French and Spanish. She holds an MA in Social Sciences.

Mark T. Prutsalis' extensive service in humanitarian relief and disaster management began in 1991 at Refugees International a Washington-based refugee advocacy non-governmental organization, where he reviewed assistance projects and reported on the status of humanitarian assistance in areas of conflict. He has traveled to Southeast Asia as an International Polling Station Officer, and extensively in Bosnia and Herzegovina, overseeing administration of the \$50 million Soros Humanitarian Fund for Bosnia-Herzegovina, and later spending months in the Rwandan refugee camps in Tanzania. Following the August 1994 influx of Rwandan refugees into Goma, Zaire, Mark joined the United Nations High Commissioner for Refugees (UNHCR) as the regional flight coordinator for the Great Lakes emergency in Entebbe, Uganda, as part of Operation Support Hope's Civil Military Operations Center, and later in UNHCR's Nairobi office, and later returned to Washington to work as a consultant to UNHCR in external relations. He was the Emergency Communications Officer for the United Nations Children's Fund (UNICEF); has led and coordinated two interagency missions focused on improving communications for staff security and operational effectiveness for Operation Lifeline Sudan; and jointly led a UNICEF/World Food Programme team to Central America following Hurricane Mitch in 1998, which set up a regional communications network for the relief efforts in Honduras, Nicaragua, Guatemala and El Salvador. In 1999, Mark joined the U.S. Government-funded Center of Excellence in Disaster Management and

Humanitarian Assistance to develop methods to integrate new technology solutions in field environments. Following Turkey's August earthquake, Mark designed and implemented a medical commodity tracking system to manage the reception and distribution of donated medicines and medical supplies from over 80 countries to the relief effort. He also traveled to East Timor in October to evaluate the potential for implementing better disaster information management systems to help coordinate UN humanitarian relief efforts. For the last two years, Mark has been consulting with a number of governmental, non-governmental, and corporate entities. This has taken him to Taiwan, to consult with the government on improving its disaster and rescue services information technology infrastructure, to India, to provide direct support for the 2001 Gujarat earthquake relief efforts, and to Hawaii, in support of Exercise Strong Angel on the Big Island, where he coordinated UN-agency participation in a humanitarian exercise during RIMPAC 2000.

Iqbal Z. Quadir is Lecturer in Public Policy. He is a Fellow at the Center for Business and Government and a Visiting Fellow at the Center for Business Innovation At Cap Gemini Ernst & Young and advisor to MIT Media Lab Asia. He founded GrameenPhone in collaboration with Grameen Bank of Bangladesh and Telenor AS of Norway. GrameenPhone provides telephone access throughout Bangladesh, including to its rural poor, by adding cellular telephony to village-based micro-enterprise. In January 1999, the World Economic Forum based in Davos, Switzerland honored him as a "Global Leader for Tomorrow." Quadir worked as a vice president of Atrium Capital Corp., was an associate at Security Pacific Merchant Bank and Coopers & Lybrand, and earlier as a consultant to the World Bank in Washington, D.C. He received an MBA and an MA from the Wharton School, University of Pennsylvania, and a BS with Honors from Swarthmore College.

Eric Rasmussen, MD, FACP, Medical Corps, United States Navy, spent seven Navy years in nuclear submarines before receiving his undergraduate and medical degrees from Stanford University. After a period working in Haiti with the State Department, and as a molecular biologist at Los Alamos National Laboratory, he completed a residency in Medicine and returned to the Navy as Assistant Program Director within the Internal Medicine Department of the Navy Medical Center near San Francisco, California. From there he was selected as the Department Head for Surface Fleet Medical Programs at the Navy's Medical Institute in Florida, and subsequently served as a physician-at-sea aboard the aircraft carrier USS Abraham Lincoln (CVN-72) and on deployment with the missile cruiser USS Yorktown (CG-48). He served three brief rotations in Bosnia, and during that period was appointed a Principle Investigator in Medicine for the Defense Advanced Research Projects Agency (DARPA). In 1996 he was awarded both a Certificate of Meritorious Achievement from DARPA and an appointment as a Fellow of the American College of Physicians. He was selected as the Fleet Surgeon for the US Navy's Third Fleet in 1997 and spent much of the subsequent four years focused on medical support to civil-military operations. His work included international exercises that deeply incorporated UN relief agencies into the exercise development process, and the field evaluation of technologies specifically developed to improve integration at the civil-military boundary. Dr. Rasmussen returned in early 2001 to the medical faculty at the

Naval Medical Center in San Diego, with a simultaneous faculty appointment to the National Security Studies staff at the Naval Postgraduate School in Monterey and a teaching position within the United Nations Office for the Coordination of Humanitarian Affairs. He is a Visiting Scholar at the Rocky Mountain Institute and a Principle Investigator for DARPA. He is published in wilderness ecology, biophysics, biochemistry, clinical medicine, humanitarian medicine, decision analysis, shipboard medical care, aerospace medicine, and trauma research. He holds several personal, unit, and theater military decorations and is both Qualified in Submarines and qualified as a Surface Warfare Medical Officer.

Zieba Shorish-Shamley is the Founder and Executive Director of Women's Alliance for Peace and Human Rights in Afghanistan (WAPHA). She is an anthropologist, with a Ph.D. in cultural anthropology from University of Wisconsin-Madison. In the early 1990s, she taught classes in cultural anthropology to the undergraduate and graduate students at Western Michigan University, Kalamazoo, Michigan. Her specialization within the cultural anthropology includes Medical Anthropology, Symbolic Anthropology, Gender Relations, Refugee Studies, ethnicity, Comparative Religion, Indigenous medicine, and others. Her poems that describe the misery of Afghan women and children have been published in various magazines and newspapers all around the world. She is fluent in Persian and English. She has basic knowledge of Pushtu and Arabic languages. In over 20 years of war that has plagued her homeland Afghanistan, she has been involved in activities promoting the cause of her people. Since March 1996 she has become a full time human rights activist for the Afghan people cause with a strong focus on the rights of women and children. She has done research among the Afghan refugees in Pakistan concerning the refugees and general condition, January 1998, October 1998. She has testified before the United States Congress on the Afghan crisis in 1996, 1997, 1998, and 2000. Among her work was the presentation of a peace proposal for possible solution to the Afghan conflict. The Proposal incorporated views of various Afghan scholars and experts in exile. She organized panels and participated at panels organized by the UNIFEM and PHR Hague Peace Appeal, 1999, Netherlands. She has additionally briefed a number of United Nations Committees to discuss the Afghan issue. Commendations include the Humanitarian Award from Middle East Studies Center, Vanguard University 1999, the Human Rights Award from Afghan Physicians Association in America and the Feminist Majority Foundation Human Rights Award, 2000.

Dr. Edwin Shinn is the Executive Director of Village Earth. He has worked in the field of community and village development for thirty years. His expertise includes organizational development, planning and management methods, training design and implementation, technology transfer, project monitoring, and survey research. Dr. Shinn's work as an organizer and a trainer have taken him to the villages of India, Australia, Kenya, Peru, Guatemala, Wounded Knee, rural California, Pakistan, Indonesia, Egypt, Azerbaijan and Bosnia. Recently Dr. Shinn has worked to form strategic partnerships with other resource institutions such as IRC, CHF, The Sustainable Village and NREL. He holds a Ph.D. in Sociology, a Master's degree in Group Dynamics, and a Bachelor's degree in Philosophy.

Paul Stamets has been a dedicated mycologist for over twenty years. Over this time, he has discovered and co-authored four new species of mushrooms, and pioneered countless techniques in the field of edible and medicinal mushroom cultivation. He received the 1998 "Bioneers Award" from The Collective Heritage Institute, and the 1999 "Founder of a New Northwest Award" from the Pacific Rim Association of Resource Conservation and Development Councils. He has written five books on mushroom cultivation, use and identification. Paul sees the ancient Old Growth forests of the Pacific Northwest as a resource of incalculable value, especially in terms of its fungal genome. A dedicated hiker and explorer, his passion is to preserve, protect, and clone as many ancestral strains of mushrooms as possible from the pristine woodlands. Much of the financial resources generated from sales of goods from *Fungi Perfecti* are returned to sponsor such research.

R. David Stone – With a degree in Zoology and Wildlife Conservation, David has pursued a profession in environmental conservation and management and community participation in environmental management. Having worked with WWF-World Wide Fund For Nature for several years, David started Conservation Advisory Services, an independent Swiss-based consulting firm focussing on project development, management and evaluation on all aspects of environmental management and biodiversity conservation. Working in the humanitarian arena for the past five years, since 2001 David has been the Senior Technical Officer (Environment) at the UN High Commissioner for Refugees, responsible for the organisation's programme of natural resource management, worldwide. He has a BA (Hons), Trinity College Dublin, Ireland; Doctor of Philosophy, University of Aberdeen, Scotland; Post-Doctoral Fellowship, Universite de Lausanne, Switzerland.

Roger W. Taylor is Manager of International Programs at the U.S. Department of Energy's National Renewable Energy Laboratory in Golden, Colorado. His quest is to expand and promote the use of renewable energy to support sustainable economic development throughout the developing world—in collaboration with the U.S. Department of Energy, other U.S. government agencies, the renewable energy industry, foreign partners, financing and development agencies. Mr. Taylor has been extensively involved in application of renewable energy systems to the needs of developing countries since 1992. Over the past 10 years, NREL has developed collaborations and substantive engagement with over 15 countries. Mr. Taylor's primary country foci have included Brazil, India, China, Egypt, Ghana, the Philippines, and Morocco. Prior to NREL, he spent 15 years working on the integration of renewables with electric utilities, which included 10 years working with the Electric Power Research Institute and the EPRI-sponsored Power Electronics Applications Center.

Larry Thompson is the Director of Advocacy for Refugees International (RI), a Washington-based humanitarian organization which works on behalf of refugees, displaced persons, and other vulnerable people around the world. A former diplomat with the U.S. Department of State, Larry joined Refugees International in 1992 to advise a foundation on the expenditure of \$50 million in relief aid for war-torn Sarajevo and to edit the bi-weekly publication, Bosnia Relief Watch. He later led RI advocacy for UN

reform and world food security. His work for RI has included assessment of the humanitarian situation of Tuareg refugees in the Sahara and Kosovar refugees in the Balkans and examination of the plight of Ethiopian Jews, highland peoples of Southeast Asia, and displaced people in Mexico. In 1997, he played a large role in stimulating emergency humanitarian aid to Bulgaria, including a successful program to provide lunches to more than 150,000 poor schoolchildren daily. During the last year, Larry has focused on the humanitarian crisis in Afghanistan. In February 2000, he visited Taliban-controlled Afghanistan and reported on the humanitarian consequences of a catastrophic snowstorm near the city of Herat. In May 2000, he visited the anti-Taliban Northern Alliance and assessed the impact of a drought on farmers and displaced persons. Since the terrorist bombings of September 11, he has visited Pakistan and Afghanistan several times. As one of few Americans with personal experience in Afghanistan, his views on the Afghan refugee situation have been prominently featured in media such as The New York Times, The Washington Post, International Herald Tribune, CNN, NBC, ABC, and BBC. Larry is married and has two children. He is originally from Oklahoma and is a member of the Kansa Indian tribe.

Jonathan Todd is the Vice President of John Todd Research and Design, Inc. a leading firm in the development of ecological technologies for food production, waste purification and conversion, environmental restoration and systems integration for architecture and eco-industrial parks. He has assisted in the development of a prototype Ocean Ark, an advanced design sailing, worked in coastal fishery development, was captain of OAI's Ocean Pickup, which was engaged in fishery development work on the Caribbean coast of Costa Rica, has worked on tugboats in the Atlantic, Gulf of Mexico and the Caribbean. Jonathan attended the College of the Atlantic in Maine and received his captain's papers from the US Coast Guard. He rejoined Ocean Arks International as captain of Aquaria One, a hybrid wind/diesel fishing vessel that operated in both New England and Caribbean waters. With John Todd Research and Design, Inc., he started in pond management and then moved into the design, fabrication and operation of a wide variety of living machines and floating water restorer technologies for clients in Canada, Hawaii, Georgia, New Mexico, Maryland, Massachusetts, and Vermont. He continues to assist the design team at Ocean Arks International in the development of new water purification technologies for Asia and the South Pacific. He has also worked for architectural and engineering firms in the design of ecological exhibits, eco-industrial parks, and ecologically based theme parks. He has a keen interest in developing sustainable solutions for refugee populations throughout the world. Jonathan, with his wife Meg, cultivate a six acre urban market farm in Falmouth, Massachusetts.

Steve Troy began working in the appropriate technology field in 1966 when he was preparing to join a Peace Corp-type program in Mexico. He discovered — and fell in love with — the concept of Appropriate Technology. This initial inspiration, added to his "business blood and entrepreneurial soaked brain," evolved into numerous companies including Open Circle, Real Goods, Jade Mountain, Planetary Solutions and most recently, The Sustainable Village. The products and systems designed and supplied by Steve's many enterprises have together saved thousands of kilowatt hours of electricity, millions of gallons of water, and kept tons of air pollutants out of our atmosphere. Steve

now works as a business consultant, appropriate technology engineer, marketing strategist, obscure trouble-shooting and irascible problem solver. All proceeds from his work go toward donation/investments in developing countries.

Arnold (Arnie) Valdez is co-founder with his wife Maria of Peoples Alternative Energy Services (PAES) a non-profit organization promoting alternative energy for low-income sectors, sustainable planning, and environmental reform. PAES's grassroots organizing, workshops, and hands-on initiatives were featured in a variety of publications and highlighted in a PBS documentary. The Valdez's co-established Valdez & Associates, a consulting firm specializing in earthen design, research in cultural landscapes, and vernacular architecture. In the 1980s, the Valdez's were trainers for Peace Corps state side appropriate technology training and government sponsored solar projects. Because of their solar successes they were one of two groups selected to represent Colorado at an International Conference on rural development in New Delhi, India. Currently, Arnie is the planning and zoning director for Conejos County and previously he was the land use administrator for Costilla County. In 1992, Arnie obtained a MArch at the University of New Mexico receiving the John Gaw Meem Award for his work on Hispano vernacular architecture. He has collaborated on a design for a high altitude solar adobe village and worked on several restoration projects including a domed adobe chapel. In 1999-2000, Valdez received a Loeb Fellowship to Harvard University where he focused on regional planning and landscape ecology. Currently, Arnold is an adjunct professor at the University of New Mexico, School of Architecture and Planning.

Maria Mondragon-Valdez is a Ph.D. Candidate at the University of New Mexico, Department of American Studies. Her research focuses on land loss and gentrification in a rural southern Colorado Hispano enclave. Involved in peace and justice issues since 1970, Maria has been an advocate for farm workers and low-income communities since that time. She has served on the Board of the Solar Energy Research Institute and other solar grassroots initiatives in Colorado and New Mexico. Because of her work on mining reform and sustainable land use planning she was awarded Colorado's Woman In Environmental Action. The Valdez's family have resided in Colorado for six generations. They live in a passive solar adobe home where they raised their five children.

Sima Wali is President and CEO of Refugee Women in Development (RefWID), Inc. an international institution focusing on women in conflict and post-conflict reintegration issues. She advocates nationally and internationally for uprooted women and girls whose rights have been violated as refugees and internally displaced people. Her writings have been published in prestigious journals and books. Most recently she was one of three female delegates to the U.N. Peace Talks on Afghanistan and was the chief organizer of the "Afghan Women's Summit for Democracy" held in Brussels. On March 8, 2002 International Women's Day, the United Nations invited her to deliver the keynote address on Afghan women. Ms. Wali is the recipient of Amnesty International's 1999 3rd Annual Ginetta Sagan Fund Award of Amnesty International in recognition of her work on Afghan women and human rights. Ms. Wali is the recipient of numerous awards for her pioneering work in developing program models aimed at the empowerment of women caught conflict, democratic civil society-building of war-torn societies, gender, forced

migration, and human rights. She is the recipient of the *Gloria Steinem: Women of Vision Award* for her pioneering work in addressing violence against refugee women in the United States. She is cited in the "Who's Who in the 21st Century", Who's Who of Emerging Leaders, Who's Who of Women in the East, Who's Who of American Women, Millennium Edition, among others. Ms. Wali is Vice President and Treasurer of Sisterhood Is Global Institute (SIGI) based in Montreal, Canada.

Peter Warshall has spent thirty years working to improve community governance, the balancing of conservation and development (especially water resources, ranching and forestry, and biodiversity), as well as teaching, guiding and writing on natural and cultural history. Trained as both biologist and anthropologist, Peter has taken a broad view of the complexity of cultural change. While others may work as a scientist or activist or artist, Peter has tried to bridge these realms as scientist/activist/essayist. He works on all socio-economic levels and with highly diverse peoples and ecosystems, believing that important beneficial change can come from many unexpected human sources. He graduated from Harvard University in Biology; has a degree from the Sorbonne, and a Ph.D. from Harvard in Biological Anthropology.

Alan Weisman's reports, set in the United States, Mexico, Canada, Central and South America, the Caribbean, Antarctica, Europe, the former Soviet Union, and the Middle East, have appeared in *The Atlantic Monthly*, *Harper's*, *The New York Times Magazine*, *The Los Angeles Times Magazine*, *Audubon*, *Mother Jones*, *Condé Nast Traveler*, and in several anthologies, and have been heard on *National Public Radio* and *Public Radio International*. He is the author of *An Echo In My Blood* (Harcourt Brace, Inc.1999) *Gaviotas: A Village to Reinvent the World* (Chelsea Green Publishing, 1998); *La Frontera: The United States Border With Mexico* (Harcourt Brace Jovanovich, 1986); and *We, Immortals* (Pocket Books, 1979). He is currently working on a book on the future of energy, funded by the John. D. And Catherine T. MacArthur Foundation. He is a senior producer for Homelands Productions, and Lecturer Laureate in creative writing at the University of Arizona during 2002. Weisman has been a Fulbright Senior Scholar in Colombia, writer-in-residence at the Altos de Chavón Escuela de Arte y DiseZo in the Dominican Republic, the John Farrar Fellow in Nonfiction at the Bread Loaf Writers' Conference, and a contributing editor to the *Los Angeles Times Magazine*. His many awards include a Robert F. Kennedy Journalism Citation, the Harry Chapin World Hunger Year Media Award, and the Social Inventions Award from the London-based Global Ideas Bank for his book *Gaviotas*. He and his wife, sculptor Beckie Kravetz, live in Tucson, Arizona.

Robert Wilkinson, director of RMI's water program, has been an Adjunct Senior Research Associate with RMI for 10 years. Wilkinson is a Lecturer in the University of California, Santa Barbara's Environmental Studies Program. His teaching and research focus is on environmental policy issues, energy and water policy, climate change and variability impact analysis, urban environmental issues, and sustainable communities. In addition to teaching and research work, he is presently coordinating the climate impacts assessment effort for the California Region for the U.S. Global Change Research Program and the White House Office of Science and Technology Policy. Over the past

decade he has worked extensively in every country of Central Europe from Albania through the Baltic States and throughout the former Soviet Union, including Siberia and Central Asia. In 1990, George Soros asked Wilkinson to establish and direct the Graduate Program in Environmental Sciences and Policy at the Central European University based in Budapest, Hungary, which he did from 1990 through 1992. He has also been engaged in renewable energy work at Lake Baikal, Siberia since 1990. Robert Wilkinson received a double major BA in Environmental Studies and History and an MA and PhD Candidacy in Political Science from the University of California, Santa Barbara. He also studied law and history at Cambridge University and agroecology through the University of California at Santa Cruz. He is married and has three sons.

Daniel Williams FAIA, APA, is the Principal of his firm Daniel Williams Architect, in which he provides architectural, and urban and regional planning. The Recipient of the national AIA Honor Design Award for Urban and Regional Design in 1999 and again in 2000, Dan has practiced sustainable design in architecture and urban and regional planning since for more than 25 years and has received a number of design awards. He was a founding member of the American Institute of Architects': Hurricane Recovery Center - leading the Committee on Long Term Regional Planning and the reworking of Community and Design codes after Hurricane Andrew in 1992. He was Director of the Education and Research Center for the University of Florida 1997-1999 and Research Associate Professor at the Center for Urban and Community Design at the University of Miami, School of Architecture 1992-1997, researching the relationship between general systems ecology, hydrology and community planning. His work has led to several applied research infill projects: Arch Creek (a project to reconnect the Creek amenities with Stormwater and community needs); the Miami River Watershed Basin Plan; the City of Hialeah - Stormwater and Future Land Use Plan; Naranja Lakes Redevelopment Charrette; Monroe County Development Codes Project; and the South Dade Watershed Project. Presently he is vice-chair for the American Institute of Architects, National Executive Committee on the Environment – COTE, and is a member Environmental Council for the Urban Land Institute. He received his Fellowship from the American Institute of Architects in 1997 for preservation of natural systems. In 1998 he received the Catherine Brown Award from the Congress for the New Urbanism where he chaired the Environmental Task Force since 1996.

Robert Younger currently serves as the Business Area Manager for Technology Transformation and Transition in the Advanced Technology Division of the Command and Control Department at the Navy R&D laboratory, SPAWAR Systems Center, San Diego. Mr. Younger works closely with DARPA and other agencies to promote the transformation of technologies into useful products, and the transition and adoption of those products to military, commercial and humanitarian use. Previously, Bob has served as the founder and director of Advanced Technology Transition Division at Ocean Systems Engineering Corporation (OSEC); he also was a Vice-President at OSEC. He served as a project engineer and a program manager at NAVSEA System Command in Washington, DC. He has also held several positions as division manager, program manager and software engineer in government service as well as at SAIC, and at Computer Software Analysts, Inc. Bob served as a Captain in the United States Marine

Corps before taking positions in private industry and government service. Additionally, he is a professional photographer. He holds an MBA in Information Systems.