

Geology in the Public Interest

Geología en el Interés Público

ANNUAL REPORT 2021





ANNUAL REPORT 2021

PREPARED IN JUNE, 2022
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ASSISTED BY
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AND THE GPI BOARD OF DIRECTORS

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GEOLOGY IN THE PUBLIC INTEREST

MESSAGE FROM THE PRESIDENT

Gregory R. Wessel



It is my great pleasure to introduce Geology in the Public Interest's Annual Report for 2021. Founded in 2013, GPI started as a very small group of committed scientists and engineers who pooled their ambitions to work towards a goal that seemed out of reach at the time, that of applying their talents to solve some of the problems facing mankind.

Starting a nonprofit can be an act of faith as well as naivete. The earliest efforts might even be compared to what some have described as the experience of being a soldier at war, long periods of incredible boredom separated by short bursts of absolute terror. But eventually, there is enough critical mass, in people as well as ideas, to allow the organization to show steady progress and to be able to weather the ups and downs common in any corporation. That is where we are today.

As you'll see in this report, we are comprised of an amazing and diverse assortment of committed volunteers. None of us are paid for our services other than in personal growth; there are no stock options, no retirement plans and no medical insurance, but the value of working with like-minded people from six of the seven continents far exceeds all of that, and it's fun.

If the type of work described in this report interests you, we invite you to join us. There is always room for another intelligent voice. There is always a place for more wisdom. We're all in this together, and we can use your help.

GREGORY R. WESSEL, PHD, LG
President and Co-Founder



WE ENVISION THE RIVERS CLEAN AND FULL OF FISH, THE SKIES FULL OF BIRDS, AND ICONIC SPECIES PROTECTED AND GIVEN SPACE TO EXPAND.



MISSION, VISION AND GOALS

HOW WE INTEND TO ENGINEER CHANGE

Our mission is simple: to enhance and expand applications of geoscience in service of the common good and to aid in local and regional efforts to advance resilience and sustainability.

Our vision is one of a future where we live in a peaceful, nurturing environment full of livable cities veined with public transit and leafy parks, infrastructure designed to remove carbon dioxide from the atmosphere, agriculture that enhances the soil, mining that restores at the same time as it exploits natural resources, and species recovering and rewilding the world. We envision the rivers clean and full of fish, the skies full of birds, and iconic species protected and given space to expand.

TO QUOTE EMMA MARRIS, "THIS IS A FUTURE IN WHICH CHILDREN DON'T NEED TO TAKE TO THE STREETS IN PROTEST AND ALARM, BECAUSE THEIR PARENTS AND GRANDPARENTS TOOK ACTION. INSTEAD, THEY ARE CLIMBING TREES."

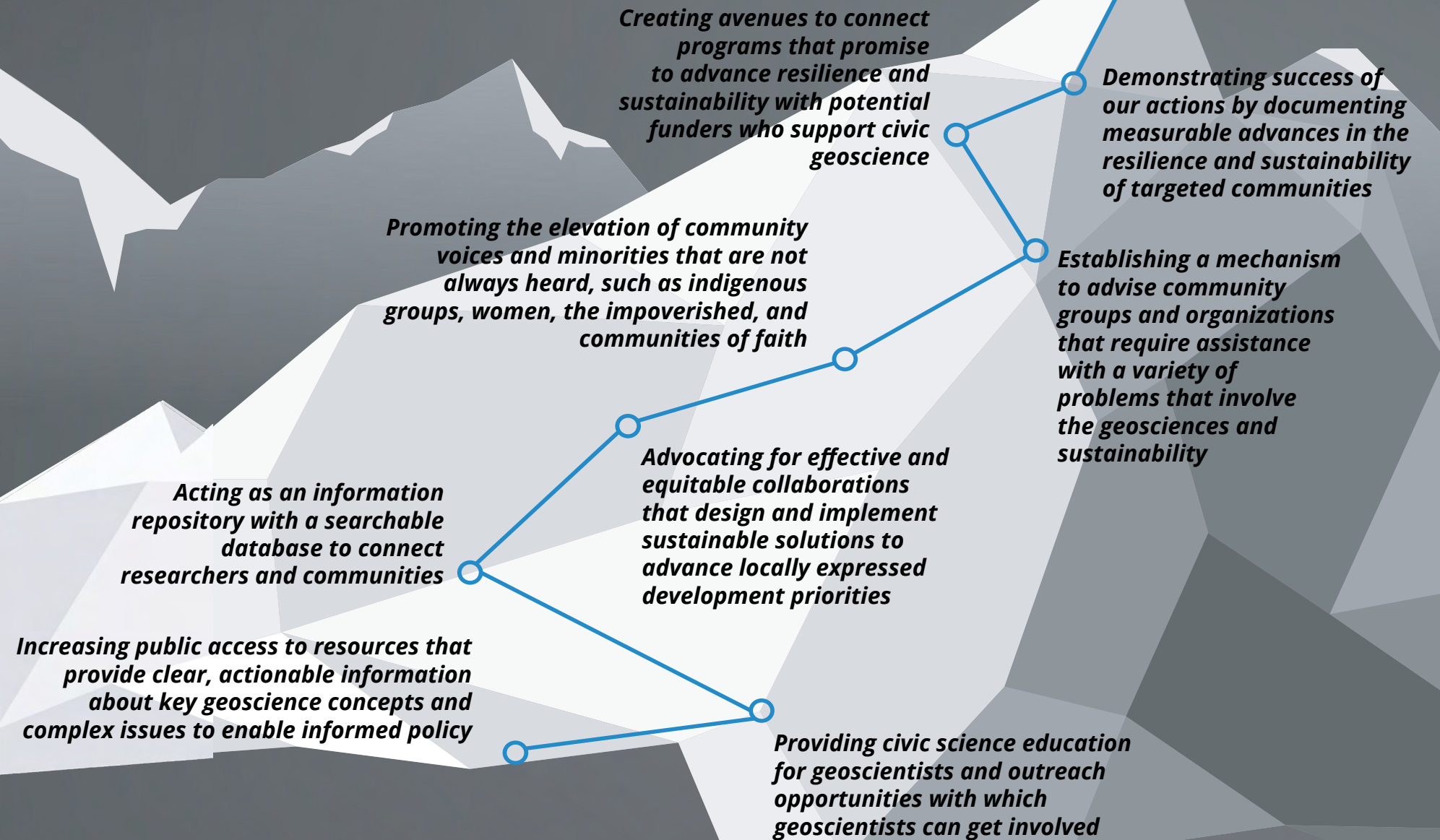
This vision stems from a shared ambition to drive change in a positive direction, building upon our experience as geoscientists and engineers. It also stems from a shared frustration with the way things are going now. We joined in this effort, and formed GPI, when it became increasingly clear that all of us need to do far more than we do now to save the future for our grandchildren. Given that geology underlies all the problems we now face, it makes abundant sense to enhance the input of the geosciences to affect positive change. One could argue that this is the only way mankind can approach the future.



**TO FULFILL OUR MISSION, OUR
PRIMARY GOALS ARE TO:**

- 1 Highlight the role of geoscience** in addressing societal challenges that stem in part from natural resource availability and exploitation, environmental depletion and contamination, land use changes, natural hazards, and climate change;
- 2 Bridge the gap between geoscientists and other communities** so that they can collaborate to develop sustainable, context-appropriate solutions for local and regional environmental, resource and related societal issues;
- 3 Research and provide clear guidance** on promising practices and work models that further diverse geoscience-for-society activities;
- 4 Provide technical assistance to communities in need** following their direction and in ways that honor social and cultural contexts and advance local resilience and sustainability.

WE WILL ACHIEVE THESE OBJECTIVES BY:





OUR VALUES REFLECT THE IMPORTANCE OF PUBLIC HEALTH, SAFETY, AND WELFARE, ALONG WITH EQUITY, JUSTICE, AND ENVIRONMENTAL RESTORATION TO PEOPLE LIVING TODAY AS WELL AS TO FUTURE GENERATIONS.



OUR VALUES TO ADVANCE THE COMMON GOOD

As stated in our Mission, we work to advance the common good and aid in local and regional efforts to advance resilience and sustainability.

Our values reflect the importance of public health, safety, and welfare, along with equity, justice, and environmental restoration to people living today as well as to future generations. We look far into the future and adjust our actions today to benefit the world of tomorrow.

As individuals, and as a group, we hold ourselves to professional standards that universally apply to licensed geologists and engineers, ethical standards that parallel the [Cape Town Statement on Geoethics](#), and moral standards that are consistent with those of most cultures and the world's major religions.



Our standards for resilience and sustainability are largely the same as those stated by the [United Nations' Sustainable Development Goals](#). In addition, we note that as progressive as are the SDGs, strict adherence to them does not always guarantee equitable or just outcomes, nor does it ensure that important environmental actions, such as those dealing with climate change, are sufficient to right the wrongs. We believe that climate actions should always require the application of full-cost accounting, otherwise actions will fall short of those needed to mitigate the problem. We recognize that this might be considered an aspirational goal rather than a practical one, but without higher standards, only modest gains are assured.





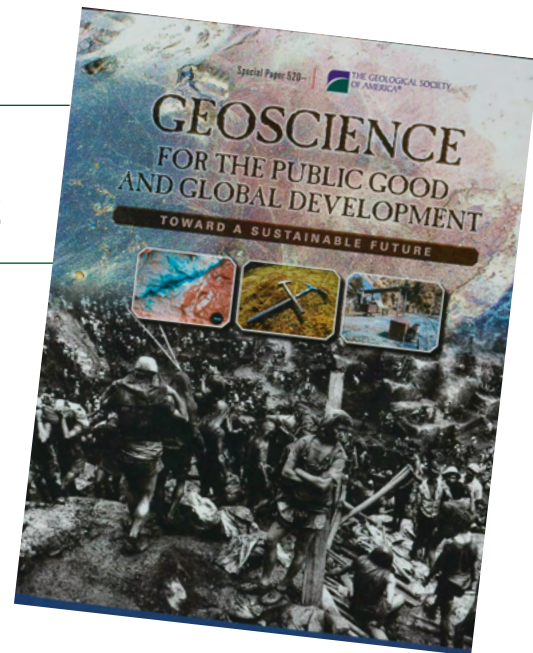
GEOLOGY IN THE PUBLIC INTEREST (GPI) WAS FOUNDED IN 2012 AND RECEIVED TAX-EXEMPT STATUS IN 2013.

THE ORGANIZATION WAS CO-FOUNDED BY GREGORY R. WESSEL AND MARGARET R. WESSEL, BOTH LICENSED GEOLOGISTS, ASSISTED BY DIRECTORS J. ERIK TILMAN, WARREN MAIERHOFER, JOHN P. KANE, AND NATHANIEL G. WESSEL. OF THE ORIGINAL STAFF AND DIRECTORS, THREE ARE STILL PART OF THE GPI TEAM.

OUR HISTORY
BUILDING ON A STRING OF SUCCESSES



GPI was founded to facilitate the application of geoscience and engineering to advance the public good. Our first effort was to investigate an opportunity to create a program that proposed to evaluate mine and smelter wastes in Bolivia for recovery of strategic and critical metals, which would provide a basis for concurrent environmental mitigation and job creation in areas burdened with extreme poverty. We had good connections with geoscientists in Bolivia and we were well received by the national mining company, Corporacion Minera de Bolivia (COMIBOL), but after several years



of discussion and exchange, under two different COMIBOL presidents, we were unable to find funding to allow us to start a proof-of-concept investigation. We hope to continue that project, or similar ones elsewhere following the same model, at some time in the future.

In 2013, Gregory Wessel chaired a session on geoscience for the public good at the annual meeting of the Geological Society of America, at which he met Jeffrey Greenberg, current Vice President of GPI. Greg and Jeff joined forces for a joint



session at the 2014 GSA meeting titled *Geoscience for the Public Good: Toward a Sustainable Future*.

That session was quite successful and resulted in a publication with the GSA, Special Paper 520, *Geoscience for the Public Good and Global Development*, which was printed in 2016 and is currently still for sale. Near the completion of that project, the GSA Publications office suggested to Greg and Jeff that they consider proposing a Penrose Conference (a specific meeting venue supported by the GSA) on the same topic. Greg and Jeff did just that, but the proposal was judged to be outside of Penrose criteria, and the GSA suggested that they take the idea to the American Geophysical Union (AGU) and/or the American Geosciences Institute (AGI). GSA



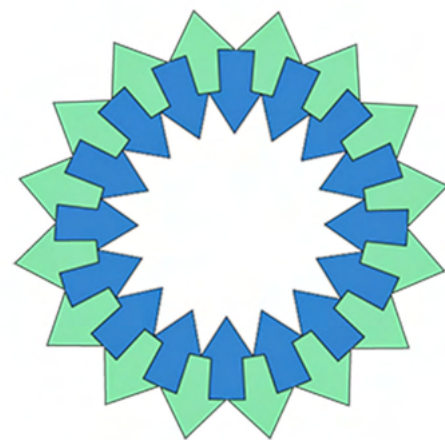
Director Vicki McConnell contacted both organizations and supported the proposal, which resulted in both organizations offering to host the meeting. Greg and Jeff chose AGU to be the lead organizer, and both AGI and GSA were partners, along with several other organizations.

The resulting meeting, the *Geoscience and Society Summit (GSS)*, was held in Stockholm, Sweden, in early 2019, and attracted about 70 attendees from 20 nations. The GSS was a series of workshops held over three days that resulted in a list of ideas for actions to take that would enhance the utility of geoscience in advancing resilience and sustainability. A number of conclusions were reached, including the idea to create a new internet-based platform for connecting scientists to others and to communities in need of assistance. The idea was to create a network that would serve to advance local sustainability, and that it be low cost or no cost, but we first needed to envision the basic structure.

A group of people who had attended the GSS joined with some others in late 2019 to begin to map out a pathway to creating the network. **After quite a bit of discussion, the group decided that they would call themselves the Global Network for Geoscience and Society (GNGS), and a new initiative was born.** Papers describing the GNGS effort were presented at GSA and AGU annual meetings in 2019 and 2020. Connections were also made with other organizations, most notably the Sustainable Development Solutions Network, resulting in the creation of a [storymap](#) for the SDNS on what individuals can do to address climate change where they live.



THE GNGS MISSION IS TO STRENGTHEN COOPERATION AND CATALYZE ACTIONS THAT SUPPORT THE GLOBAL GEOSCIENCE COMMUNITY IN WORKING WITH OTHERS AROUND THE WORLD.



THE GNGS SHEPHERDING A GLOBAL INITIATIVE

The **Global Network for Geoscience and Society** (GNGS) is guided by a Steering Committee that meets twice a month. Meetings are chaired by the GPI President, and the GNGS is housed as an initiative of GPI, which means the GNGS can take advantage of GPI's 501(c)3 status. Because it is part of GPI, staff report GNGS developments to the Board of Directors at their regular quarterly meetings. This situation may change in the future as the GNGS grows. As

the initiative expands, it could become part of a larger parent organization or be reconfigured as an independent entity.

The GNGS has its own website (thegngs.org) in addition to a [page on the GPI website](#), and it also has a Facebook page. In addition, there is a Twitter account, but neither the Facebook page nor the Twitter account are used to their capacity.

There were several projects undertaken during 2021, most of which have extended into 2022. They include:

1. A subset of the Steering Committee members formed an Education Subcommittee to specifically address geoscience education at the university and K-12 levels. The Subcommittee is chaired by Ellen Metzger of San Jose State University, meets twice a month, and has several projects in the works, including:

- A roundtable planned for the 2022 Earth Educators' Rendezvous titled "An Interactive Walk into the Future of Applied Geosciences Education." The roundtable leaders are Ellen Metzger, Morgan Disbrow-Monz, and Gregory Wessel (https://serc.carleton.edu/earth_rendezvous/2022/program/roundtable/rt3.html).
- A session planned for the 2022 GSA Annual Meeting on "Geoscience and the Sustainable Development Goals: Contributions from Students and Early Career Professionals." The session co-chairs are Vincent Cronin, Ellen Metzger, and Gregory Wessel (<https://community.geosociety.org/gsa2022/home>).
- An effort to craft papers written for students about several of the UN's Sustainable Development Goals, to be published in *Frontiers for Young Minds*. This effort is being spearheaded by Morgan Disbrow-Monz, Science Policy Fellow for the GSA.

2. During 2021, the Steering Committee partnered with representatives from the U. S. Geological Survey to present a Pardee keynote session at the GSA Annual Meeting in Portland on "Geoscience and Society: Action and Interdisciplinary Engagement on Local and Global Scales." There were four co-chairs including Gregory Wessel, Rudy Schuster (USGS), Chloe Hill (EGU), and Nina Burkardt (USGS). Dr. Wessel presented an overview

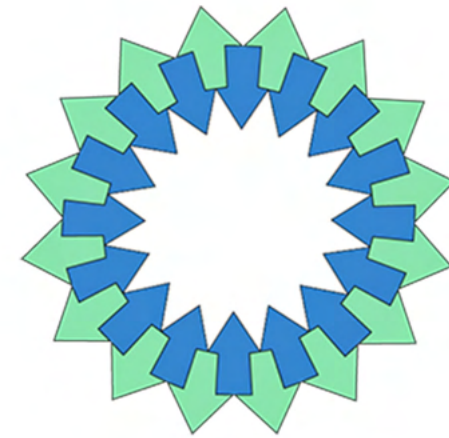


of the GNGS during the session. The entire session (four hours) can be seen at <https://gsa.confex.com/gsa/2021AM/meetingapp.cgi/Session/51773>.

3. Designing and creating the Network: This is the largest and most difficult of the tasks before the Steering Committee. Information gathered at the Geoscience and Society Summit guided our initial efforts, but in addition we circulated a survey to geoscientists and others to gather additional insight. The survey was hosted by Chloe Hill at the European Geosciences Union, who advertised it in her newsletter and started gathering responses in February of 2021. The survey remained open until well into the summer, when responses were tabulated and used to fine-tune some of our thoughts about the Network. Network design will continue through 2022 and possibly beyond given the complexity of the challenge.



WE ARE MEMBERS OF THE INITIATIVE FOR RESPONSIBLE MINING ASSURANCE THROUGH WHICH WE ARE LEARNING MORE ABOUT RESPONSIBLE MINING STANDARDS, SO THAT WE CAN ALSO WORK MORE RESPONSIBLY AND EFFECTIVELY WITHIN THE EXPLORATION AND EXTRACTION COMMUNITIES.



GNGS STRATEGIC INITIATIVES LOOKING INTO THE FUTURE

The GNGS network design and creation will continue as a priority for GPI. It is of strategic importance to the nonprofit for several reasons, and getting it right is critical, but it is not the only direction in which we are moving.

Because many of us associated with GPI have an exploration or extractive background, it makes sense to target some of our efforts at an industry that lags behind most others in dealing with environmental and sustainability concerns.

During 2021, we strengthened our connection to the Sustainable Development Solutions Network, and we hope to work with them more as we expand and mature. We also became members of the Initiative for Responsible Mining Assurance (<https://responsiblemining.net/>) through which we are learning more about responsible mining standards, so that we can also work more responsibly and effectively within the exploration and extraction communities.



ANOTHER STRENGTH AMONG OUR MEMBERS AND ASSOCIATES IS EXPERIENCE WITH GEOLOGIC HAZARDS, INCLUDING THE DELINEATION OF HAZARDS ON A LOCAL SCALE AND WORKING WITH LOCAL GOVERNMENTS IN THEIR REGULATION OF DEVELOPMENT AROUND SUCH HAZARDS.

Another strength among our members and associates is experience with geologic hazards, including the delineation of hazards on a local scale and working with local governments in their regulation of development around such hazards. This is a realm that can be populated with competing interests, in which actions to enhance the public welfare are not always supported, but there are many places on the planet where people are living at risk from some natural hazard. Whether it be landslides, flooding, earthquakes, or volcanic eruptions, communities across the globe could benefit from another source of informed assistance. There is both a lot of work to be done and a lot of good that will result from that work.

Lastly, it's readily apparent that applying geoscience to help communities enhance their climate resilience and become sustainable falls into the category of "growth industry." There is a great deal of work to do in a limited time, and society needs precisely the kind of skills we at GPI possess. For that reason, we will continue to build our capacity to work with local governments, community residents, students, nonprofits, and others to serve the common good and advance resilience and sustainability at the local level.



OUR STAFF AND BOARD MEMBERS HAVE MANY DECADES OF COMBINED BACKGROUND IN GEOSCIENTIFIC AND ENGINEERING ENDEAVORS, WITH PRACTICAL EXPERIENCE IN NEARLY EVERY REALM OF GEOLOGY AND RELATED CONSTRUCTION AND TECHNOLOGY INDUSTRIES.



GEOLOGY IN THE PUBLIC INTEREST STAFF, DIRECTORS, AND TECHNICAL ADVISORY COUNCIL

The successes experienced by Geology in the Public Interest are directly attributable to the knowledge, wisdom, and ambitions of the volunteers who have come together to comprise the organization, and we have been blessed by their contributions.

Our Staff and Board members have many decades of combined background in geoscientific and engineering endeavors, with practical experience in nearly every realm of geology and related construction and technology industries. We have worked in mineral and energy exploration, mining geology, hazard mapping

and abatement, geochemical and stratigraphic studies, field and structural geology, geophysics, remote sensing, engineering applications, systems engineering, business administration, government, and education.

Together with our colleagues on the Technical Advisory Council, we have representatives on six continents. We are an amazingly diverse group of scientists and engineers, but one thing we share is a passion to apply our skills for the betterment of mankind and our planet.



Our Staff

There are four unpaid Staff positions for GPI: President, Vice President, Treasurer, and Secretary. Two of them are unfilled (Treasurer and Secretary) but the Treasurer's responsibilities have been temporarily assumed by the President. Those interested in serving as either Secretary or Treasurer are welcome to apply.

Dr. Gregory R. Wessel, President and Acting Treasurer

Dr. Wessel holds degrees in Geology from Colorado School of Mines (PhD) and the University of Missouri-Rolla (BSc and MSc; now called the Missouri University of Science and Technology). He is also licensed in the State of Washington as an Engineering Geologist. Dr. Wessel has over 40 years of experience in metals and industrial minerals exploration, geologic hazard abatement, and mapping of geologic hazards. He has authored or co-authored over 25 articles and abstracts, including maps available from the Washington Geological Survey, the Texas Bureau of Economic Geology, and a widely used educational chart available from the Geological Society of America entitled The Geology of Plate Tectonics.

Dr. Jeffrey K. Greenberg, Vice President

Dr. Greenberg recently retired as Professor of Geology from Wheaton College (Illinois), where from 1986 to 2018 he taught classes in physical, historical, environmental, structural and field geology, petrology, geochemistry, and geophysics. Dr. Greenberg received his PhD in Geology in 1978 from the University of North Carolina and his MS in 1975 from the University of Kentucky. He received his BS in Geology from Florida State University in 1973. Jeff has authored numerous publications, including geologic and geophysical maps of parts of Kentucky and Wisconsin, field trip guidebooks, and articles on Precambrian geology, igneous petrology, and most recently religious faith as a motivation in using geosciences to develop a sustainable future. He is a respected authority on geophilanthropy, both in general and as applied by him and his students in a variety of service projects in Europe and Africa.

Our Board of Directors

Mr. J. Erik Tilman, Chairman

Mr. Tilman holds a BSc in Mechanical Engineering from the University of Missouri-Rolla (now called the Missouri University of Science and Technology). He has 30 years of experience with design and manufacturing in the electronics industry, including a long record with Hewlett Packard Corporation, and he recently retired from a position as a mechanical engineer for The Boeing Company.

Prof. Ernesto O. Cordero, PhD

Prof. Ernesto O. Cordero, PhD, has more than a decade of experience in research, specifically in the fields of business administration, interdisciplinary research on contemporary issues with academic specialization in applied economics and business, corporate social responsibility, sustainability, and good governance. Currently, he is the project leader of the organizational development of "Global Sustainable Futures-Progress through Partnership Network in the United Kingdom" and the Country Coordinator for Canada.

Mr. Arthur Reis

Mr. Reis holds Bachelor's and Master's degrees in Applied Geophysics from the University of California – Berkeley and is a licensed Geophysicist in the State of Texas. He is a Systems Engineering Program Manager at Aeva in Mountain View, California and develops Lidar and perception sensors with applications in autonomous vehicles, industrial metrology, and robotics.

Mr. Justin Samuel

Mr. Samuel is a Vermont-based licensed professional geologist and science communication professional with a background in environmental consulting, regulatory compliance, and natural hazard mitigation. He holds a Master of Arts in Strategic Communication from Johns Hopkins University and a Bachelor of Science degree in Geology from the University of Arkansas at Little Rock. Following eight years of environmental consulting work across a variety of industry sectors, Mr. Samuel joined the staff at the Geological Society of America where he has worked as a communications manager for the last decade.

Dr. Ted Smith

Dr. Ted Smith has 30 years of experience in State government as a scientist, administrator, and manager, mostly with the California Geological Survey (CGS). He led the creation of the California's Division of Mine Reclamation and outreach efforts of California's Seismic Hazards Mapping Program. Later he was promoted to supervise CGS's publishing and outreach unit. After retiring from California State service, Ted earned a Ph.D. in education, specializing in online education.



Our Technical Advisory Council

Dr. Russell Harmon, Chairman

Dr. Russell Harmon is a geochemist, now retired after a nearly 50-yr professional career in the geosciences. From 2011-17, Russell was Director of the International Research Office of the US Army Engineer Research and Development Center. Prior to that, he served from 1993-2011 as Program Manager for Terrestrial Sciences at the Army Research Office. Russell holds a BA from the University of Texas, MS from the Pennsylvania State University, and PhD from McMaster University.

Dr. David Hedley MacDonald Alderton

Dr. Alderton is an Honorary Research Associate in the Department of Earth Sciences at Royal Holloway, University of London, UK. Formerly a lecturer in Geology at Royal Holloway with over 35 years of experience teaching at undergraduate and postgraduate levels, his research using field and laboratory-based studies focuses on two broad themes: the characteristics and genesis of hydrothermal, metalliferous mineral deposits, and the geochemistry of mining-related pollution.

Professor R. Baskar

Prof. R. Baskar is a faculty member at the School of Sciences, Indira Gandhi National Open University (IGNOU), New Delhi. He is involved in the planning, designing, developing, delivery, and coordination of undergraduate, postgraduate, and doctoral programs in geology. He has also been an Academic Guest in the Swiss Federal Institute of Technology (ETH), Zurich, Switzerland, Technical University of Munich, Germany, Centre for Geobiology, Norway, Stockholm University, Sweden, VTT, Finland, Jagiellonian University, Poland and Slovak Caves Administration, Slovakia.

Dr. Hamida Diab

Dr. Hamida Diab holds degrees in Geology from the University of Annaba, Algeria (PhD) and the University of Tebessa (BSc and MSc). She has more than 11 years of experience in minerals exploration and exploitation, sedimentary geology, geochemistry, environmental geology, structural and field geology, petrology, and geotechnical applications. She is currently a Project manager at the National Iron Mining Company (SOMIFER).

Dr. Mike Katz

Dr. Mike Katz received a BS in Geology from Michigan Tech in 1960, a MSc from McGill in 1963 and a PhD from the University of Toronto in 1967. He was a senior lecturer in Applied Geology from 1971 to 1988 and Director Key Centre for Mines International (KCMI) 1988 to 2009, University of New South Wales (UNSW), Sydney, Australia. Mike has over 50 years international experience in a wide variety of locales.

Dr. Yousif K. Kharaka

Dr. Kharaka received his B.Sc. (honors) from Kings College, London, in 1963, and his Ph.D. from the University of California, Berkeley, in 1971. As a Research Scientist at the University of California, Berkeley (1971-1995), and at the USGS since 1975, he has been conducting investigations in water-gas-rock interactions in a variety of natural and contaminated systems.

Dr. Gabriela Perlingeiro Knesel

Dr. Knesel holds degrees in Geology from The University of Queensland (PhD) in Australia and University of São Paulo (BSc) in Brazil, as well as an MBA in Finance from Rome Business School in Italy. She has over 15 years of experience in earth sciences, particularly in the areas of geochemistry, geochronology and petrology. Dr. Knesel is currently the VP Mining and Minerals Processing at Locus Mining Solutions.

Mr. Alex Kwatampora Binogo

Mr. Alex Kwatampora Binogo is a geoscientist, a geotechnical engineer, and a mining, and engineering geologist with 28 years of experience. He is the Executive Managing Director of Mpora Geo-Tech Consultants Ltd. in Uganda. He has an MSc in Geoscience (Geotechnical Engineering) from Atlantic International University, a BSc (Hons) in Mining/Engineering Geology, Diploma in Earth Science, Seismology Hazard Assessment and Risk Mitigation, from Middleham University and the University of Pretoria.

Dr. William Berry Lyons

Dr. Lyons is a Distinguished Professor, College of Arts and Sciences, School of Earth Sciences, and Senior Research Scientist at the Byrd Polar and Climate Research Center, The Ohio State University. Dr. Lyons is also a U.S. representative on the Geosciences Scientific Group of the Scientific Committee for Antarctic Research (SCAR), and the former Director of the School of Earth Sciences, and the Byrd Polar and Climate Research Center at OSU.

Dr. Francisco E. Nullo

Dr. Francisco E. Nullo was a senior researcher at Argentina's National Geological Service (SEGEMAR) from 1967 to 1999, and a principal research scientist at Argentina's National Council for Scientific and Technical Research (CONICET). More than 20 years ago, Dr. Nullo and his son founded Newphoenix SRL, a consulting company in Buenos Aires that specializes in applied geology. He is currently studying the environmental conditions for the installation of numerous waste repositories in the country.

Mr. Nathaniel G. Wessel

Mr. Wessel holds a BSc in Computer Science and a BSc in Psychology from Colorado State University. He is currently a Principal Engineer at Micron Technology in Longmont, Colorado, tasked with the design, architecture and development of evolving storage technologies and the software that verifies, supports and enables them. His technology expertise is invaluable to GPI.



WE GREATLY APPRECIATE THE HELP OF OUR VOLUNTEERS AND OWE OUR SUCCESS TO THEIR CONTRIBUTIONS.

GPI PARTNERS IN ARMS WORLDWIDE VOLUNTEER SUPPORT

GPI has been fortunate to have the support and unofficial backing of other organizations who have voluntarily contributed time and administrative support through their staff and who have been involved in the execution of GPI's initiatives, including the Geoscience and Society Summit of 2019 and our current effort to create the Global Network for Geoscience and Society (GNGS).

For the Geoscience and Society Summit, co-hosts included the American Geophysical Union and the Bolin Centre for Climate Research at Stockholm University. Partners in the Summit included The Geological Society of London, Geoscientists Without Borders, the International Association for Promoting Geoethics, Geology for Global Development, the Geological Society of America, the American Geosciences Institute, and the Department of Geology and Environmental Science at Wheaton College.

The volunteers who have come together to further GPI's work and help create the GNGS contribute their individual talents and do not formally represent their home organizations (even though some do it on company time) but they come from a diverse collection of organizations representing geological societies, academia, government, nonprofits, and industry.

Their home organizations include:

- Geological Society of America
- European Geosciences Union
- American Geophysical Union
- Society Civic Science Initiative
- San Jose State University
- The University of Texas – El Paso
- Wheaton College
- Michigan Technological University
- University of London
- Indira Gandhi National Open University, New Delhi
- Carleton College
- University of Ottawa
- Baylor University
- Colorado School of Mines
- North Carolina State University
- University of Puerto Rico
- Ohio State University
- Washington Geological Survey
- Geological Survey of Sweden
- United States Geological Survey
- Municipal Research and Services Center (Seattle)
- Engineers and Scientists Acting Locally
- Geology for Global Development (UK)
- New Phoenix SRL (Argentina)
- Mpora Geotech Consultants (Uganda)
- V3 Companies

We greatly appreciate the help of our volunteers and owe our success to their contributions. Together they represent six of the world's seven continents (we are still looking for a volunteer from Antarctica) and nearly every geoscience discipline. We are very lucky to have the support of so many talented people from such a diverse and worldwide group.





"I SUPPORT GPI BECAUSE OUR LIVELIHOODS EXIST BY GEOLOGICAL CONSENT. WE OWE THE PROCESSES OUR DEFERENCE."

— WARREN MAIERHOFER

"GEOSCIENCE IS KEY TO SOLVING MOST OF THE PROBLEMS FACING SOCIETY TODAY. IT IS SIMPLY NOT POSSIBLE TO PUT TOO MUCH EFFORT INTO THIS."

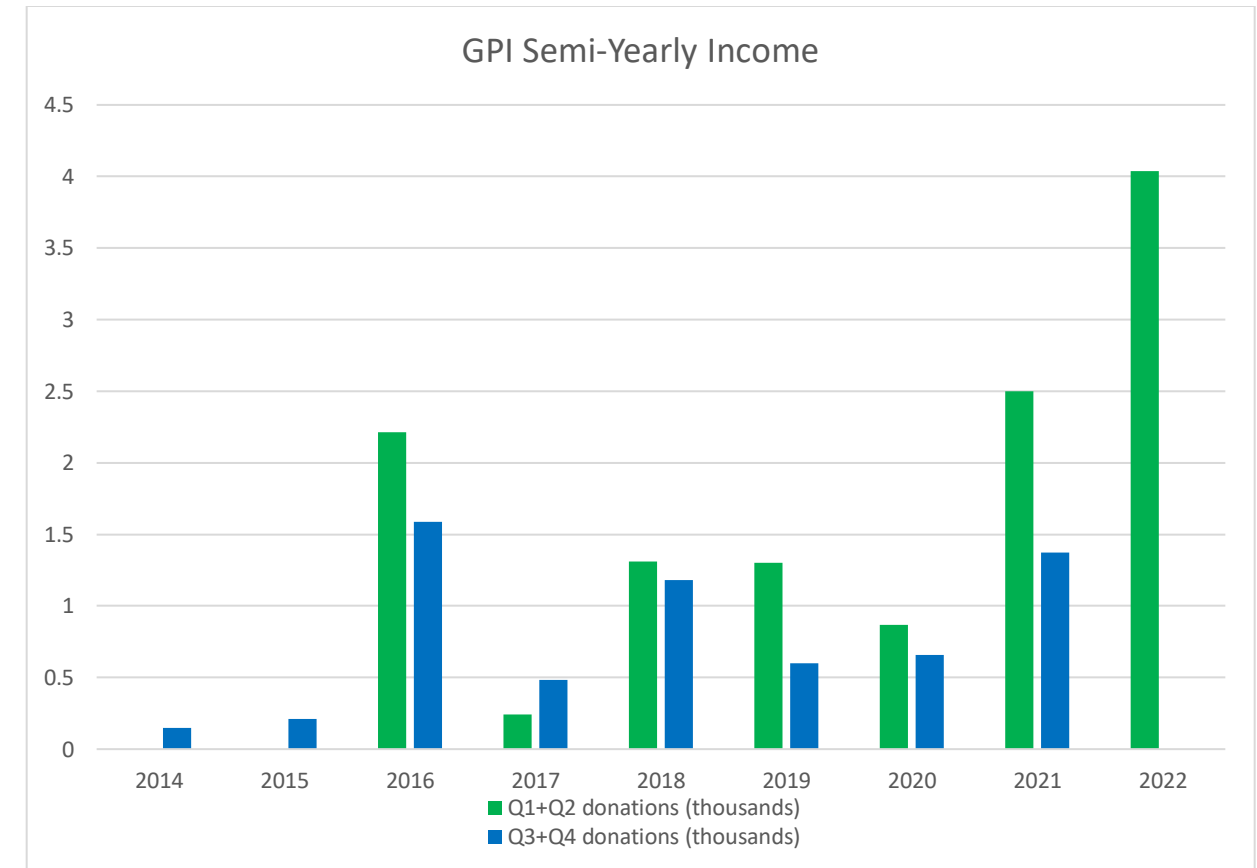
— ANONYMOUS DONOR

OUR FINANCES

A SOUND FOUNDATION TO BUILD UPON

Since its founding, Geology in the Public Interest has operated on a very small budget. Our financial foundation is sound but only because our expenses are minimal. We occasionally support guest speakers at some meetings, as we did for the Geoscience and Society Summit. If the COVID pandemic had not interfered, we'd have had an intern working on mapping landslide hazards in the Seattle area, possibly funded by King County, Washington, in partnership with the prospective intern's then-employer, Patagonia, but all of that was cancelled because of travel restrictions.

We are currently participating in an effort to obtain a NSF grant that, if successful, will be our first grant funding and that has the potential to increase our financial backing substantially. Otherwise, day-to-day expenses are funded by contributions from private individuals through local fundraising and by word of mouth. We have not mounted any large fundraising campaigns, although we have considered establishing a membership program, and we will be considering that again in the future.



Normally, our day-to-day expenses are limited to maintenance of the two websites and other minor administrative costs. None of the people associated with GPI are paid for their time, although if we do receive grant funding in the future, we may offer some form of financial support to staff and Directors, and we may have to engage the services of other professionals.

Contributions, regardless of size, are always welcome.

There is a [PayPal button on the website](#) for contributions, or you are welcome to contact us via email to gwessel@publicgeology.org.



GEOLOGY IN THE PUBLIC INTEREST

CONTACT US

Copies of our founding documents are available upon written request that includes your detailed contact information, affiliation, and the reason for your request. In such a case, please contact our President, Gregory Wessel, at gwessel@publicgeology.org.

Further information is available at:
publicgeology.org.

We also invite other inquiries, general comments, and your good ideas.

For those related to GPI alone, please send an email to gwessel@publicgeology.org. For those related to the GNGS, please email info@thegngs.org. We promise a reply within 48 hours.

For contacting us by postal mail, our address is:

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