



## HONORS PROGRAM

AGU has a diverse program for recognizing individuals who have made outstanding contributions to the advancement of the geophysical sciences, to the service of the community, and public outreach. The program aligns with AGU's strategic goals in scientific leadership, talent pool development, and science and society.

### AGU SECTION AND FOCUS GROUP AWARDS AND LECTURES

AGU sections and focus groups recognize outstanding work within their scientific field by hosting nearly 30 named lecture presentations as well as awarding over 30 awards and prizes annually. Awardees—in various stages of their careers – and named lecturers – that represent some of the most innovative minds in their field—are selected for contributing meritorious work or service toward the advancement and promotion of discovery in Earth and space science for the benefit of humanity.

#### HONORS PROGRAM ALIGNS WITH AGU'S STRATEGIC GOALS

##### Scientific Leadership and Collaboration

- Strengthen AGU's ability to operate in an interdisciplinary manner

##### Science and Society

- Develop mechanisms to support interdisciplinary collaboration among members
- Enhance mutual support and networking opportunities for students and early career scientists

##### Talent Pool

- Decrease our real barriers to gender and ethnic diversity and involvement within AGU and within Earth and space science
- Increase participation of underrepresented groups

##### Organizational Excellence

- Increase awareness among members about AGU's full scope of activities and opportunities and that AGU is more than meetings and publications
- Optimize responsiveness to members
- Increase transparency of governance, finance and operations
- Improve governance effectiveness, efficiency and visibility
- Enhance diversity and inclusiveness

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Name of Section/Focus Group Award	Scope Statement	Career Stage(s)	Mapping to Sections/ Focus Groups
<b>Aki Award</b>	The Keiiti Aki Young Scientist Award is given annually to an outstanding, early career seismologist in recognition of scientific accomplishments in the field of seismology. The evaluation of the candidates will be based on the quality of papers arising from Ph.D. thesis work, or work done shortly prior to the award of Ph.D. (or highest equivalent terminal degree).	Early Career	S
<b>Ascent Award</b>	The Atmospheric Sciences Ascent Award is given annually to four exceptional, mid-career scientists in the atmospheric and climate sciences fields, who demonstrate excellence in research and leadership.	Middle Career	AS
<b>Basu Award</b>	The Sunanda and Santimay Basu Early Career Award in Sun-Earth Systems Science is given annually to one early career scientist (within seven years of the award of Ph.D. or highest equivalent terminal degree) from a developing nation in recognition of outstanding contributions to research in Sun-Earth systems science that further the understanding of both plasma physical processes and their applications for the benefit of society.	Early Career	SPA
<b>Basu U.S. Early Career Award</b>	The Basu U.S. Early Career for Research Excellence in Sun-Earth Systems Science is given annually to one early career scientist (no more than 3 years post-degree) from the United States in recognition of significant work that shows the focus and promise of making outstanding contributions to research in Sun-Earth systems science that further the understanding of both plasma physical processes and their applications for the benefit of society.	Early Career	SPA
<b>Bert Bolin Award</b>	The Bert Bolin Award is given annually to one individual or a team of individuals for their ground breaking research and/or leadership in global environmental change through cross-disciplinary, interdisciplinary, and trans-disciplinary research in the past 10 years.	Middle Career, Senior Scientist	GEC
<b>Bowen Award</b>	The Norman L. Bowen Award is given annually to one or more honorees in recognition of outstanding contributions to volcanology, geochemistry, or petrology. Outstanding contributions may include: (1) a single outstanding paper published in any journal; (2) a series of papers which, taken together, constitute an outstanding contribution; and/or (3) any other contribution which the Bowen Award Committee considers worthy.	Middle Career, Senior Scientist	VGP
<b>Cryosphere Early Career Award</b>	Formerly known as the Cryosphere Young Investigator Award, the Cryosphere Early Career Award is given annually to one honoree (no more than 10 years post-degree on 1 January of the year in which the award is to be presented) in recognition of significant early career contributions to cryospheric science and technology.	Early Career	C
<b>Dansgaard Award</b>	The Dansgaard Award (mid-career) is given to recognize significant contributions in the PP focus group within 8 to 20 years post-degree, including, for example, the awardee's research impact, innovative interdisciplinary work, educational accomplishments (mentoring), societal impact, or other relevant contributions, and to acknowledge that the awardee shows exceptional promise for continued leadership in paleoceanography or paleoclimatology.	Middle Career	PP
<b>Early Career Hydrologic Science Award</b>	The Hydrologic Sciences Early Career Award is given annually to recognize outstanding contributions to the Science of Hydrology, education, or societal impacts by a scientist at his or her early career stage. This prestigious award acknowledges early career prominence and promise of continued contributions to hydrologic science.	Early Career	H
<b>G.K. Gilbert Award in Surface Processes</b>	The G.K. Gilbert Award in Surface Processes is given annually to one honoree in recognition of sustained and outstanding contributions to earth and planetary surface processes.	Middle Career, Senior Scientist	EPSP
<b>GEC Early Career Award</b>	The Global Environmental Change Early Career Award is given annually in recognition of an early career scientist or a group of early career scientists for outstanding contributions in research, educational, or societal impacts in the area of global environmental change, especially through interdisciplinary approach.	Early Career	GEC
<b>Geodesy Section Award</b>	The Geodesy Section Award is given annually to an early or mid-career honoree in recognition of major advances in geodesy. Major advances can be in (1) geodetic science, (2) technology, (3) applications, (4) observations, or (5) theory.	Early Career, Middle Career	G
<b>Greeley Award</b>	The Ronald Greeley Early Career Award in Planetary Science is given annually to one honoree (no more than 6 years post-degree) in recognition of significant early career contributions to planetary science.	Early Career	P
<b>Holton Award</b>	The James R. Holton Junior Scientist Award is given annually to one honoree in recognition of outstanding scientific research and accomplishments of early career scientists in the field.	Early Career	AS
<b>Horton Research Grant</b>	The Horton Research Grant supports research projects in hydrology and water resources by Ph.D. candidates in institutions of higher education. Two grants are given each year.	Students	H
<b>Hydrologic Sciences Award</b>	The Hydrologic Sciences Award, which previously known as the Robert E. Horton Award (1956–1998), is given annually for contributions over a career, with an emphasis on the past five years. Awardees are recognized for an outstanding contribution to the science of hydrology. Outstanding contributions to the science of hydrology may include: (1) a single outstanding paper published in any journal, whose impact has been transformative to the field; (2) a series of papers which, taken together, define an outstanding contribution; and/or (3) other contributions which the nominations committee considers significant and worthy.	Middle Career, Senior Scientist	H
<b>Kuno Award</b>	The Hisashi Kuno Award is given annually to one or up to two honorees in recognition of outstanding contributions to the fields of volcanology, geochemistry, and petrology. This award is named in honor of Hisashi Kuno – an outstanding volcanologist and petrologist of the mid-twentieth century.	Early Career	VGP

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Name of Section/Focus Group Award	Scope Statement	Career Stage(s)	Mapping to Sections/ Focus Groups
<b>Leopold Award</b>	The Luna B. Leopold Award is given annually to one early career scientist (no more than 5 years post-degree) in recognition of a significant and outstanding contribution that advances the field of earth and planetary surface processes.	Early Career	EPSP
<b>Morgan Award</b>	The Jason Morgan Early Career Award is given annually to one early career scientist (no more than six years post-terminal degree by the nomination deadline) in recognition of outstanding and significant early career contributions to tectonophysics through a combination of research, education, and outreach activities.	Early Career	T
<b>MRP Early Career Award</b>	The Mineral and Rock Physics Early Career Award is given annually to one early career scientist (no more than six years post-terminal degree) in recognition of outstanding contributions in the broadly defined area of mineral and rock physics.	Early Career	MRP
<b>MRP Graduate Research Award</b>	The Mineral and Rock Physics Graduate Research Award is given annually to one or more promising young scientists (current Ph.D. students and individuals who have completed the degree requirements for a Ph.D. or highest equivalent terminal degree up to 12 months prior to the nomination deadline) in recognition of outstanding contributions achieved during their Ph.D. research.	Student or Postdoctoral Scientist	MRP
<b>Mueller Award</b>	The Ivan I. Mueller Award for Distinguished Service and Leadership is given annually to one honoree in recognition of major achievements in service and/or leadership to the geodesy community.	Middle Career, Senior Scientist	G
<b>Natural Hazards Award for Graduate Research</b>	The Natural Hazards Focus Group Award for Graduate Research is given annually to one or more promising young scientists engaged in studies of natural hazards and risks. The award is given in recognition of outstanding contributions achieved during their Ph.D. (or highest equivalent terminal degree) research.	Student or Postdoctoral Scientist	NH
<b>Ocean Sciences Award</b>	The Ocean Sciences Award is given in odd-numbered years to one honoree in recognition of outstanding leadership or service to the ocean sciences.	Middle Career, Senior Scientist	OS
<b>Ocean Sciences Early Career Award</b>	The Ocean Sciences Early Career Award is given in odd-numbered years to an early career scientist (no more than 10 years post-degree) in recognition of significant contributions to and promise in the ocean sciences.	Early Career	OS
<b>Scarf Award</b>	The F.L. Scarf Award is given annually to one honoree in recognition of an outstanding dissertation that contributes directly to solar-planetary science. The Scarf awardee is required to deliver an invited talk on his/her dissertation topic at the AGU Fall Meeting.	Early Career	SPA
<b>SEDI Graduate Research Award</b>	The Study of the Earth's Deep Interior (SEDI) Focus Group Graduate Research Award is given to one or up to two honorees in recognition of advances that contribute to the understanding of the deep interior of the Earth or other planetary bodies using a broad range of observational, experimental, and/or theoretical approaches.	Student or Postdoctoral Scientist	SEDI
<b>Silver Award</b>	The Paul G. Silver Award is given annually to a scientist in recognition of outstanding contributions to the fields of geodesy, seismology, or tectonophysics through mentoring of junior colleagues, leadership of community research initiatives, or other forms of unselfish collaboration in research.	Middle Career, Senior Scientist	G, S, T
<b>Space Weather and Nonlinear Waves and Processes Prize</b>	The Space Weather and Nonlinear Waves and Processes Prize is given in odd-numbered years to one honoree, likely in the mid to advanced career range, in recognition of cutting-edge work in the fields of space weather and nonlinear waves and processes.	Middle Career, Senior Scientist	NG, SPA
<b>SPARC Award</b>	The Space Physics and Aeronomy Richard Carrington (SPARC) Education and Public Outreach Award is given annually to one honoree in recognition of significant and outstanding impact on students' and the public's understanding of our science through their education and/or outreach activities – exhibiting an effort that goes well beyond their particular job title.	Middle Career, Senior Scientist	SPA
<b>Sulzman Award</b>	The Sulzman Award for Excellence in Education and Mentoring is given annually to one mid-career female scientist (no more than 15 years post-degree) for significant contributions as a role model and mentor for the next generation of biogeoscientists.	Middle Career	B
<b>Turcotte Award</b>	The Donald L. Turcotte Award is given annually to one honoree in recognition of outstanding dissertation research that contributes directly to nonlinear geophysics.	Postdoctoral Scientist, Early Career	NG
<b>Voyager Award</b>	The Ocean Sciences Voyager Award is given in even-numbered years to mid-career scientist (10 to 20 years post-degree) in recognition of significant contributions and expanding leadership in ocean sciences. Significant contributions may include, but are not limited to: the awardee's research impact, innovative interdisciplinary work, educational accomplishments (mentoring), societal impact, or other relevant contributions, and to acknowledge that the awardee shows exceptional promise for continued leadership in ocean sciences.	Middle Career	OS
<b>Whipple Award</b>	The Whipple Award is given annually to one honoree in recognition of outstanding contributions in the field of planetary science. The Whipple Award includes an opportunity to present an invited lecture during the AGU Fall Meeting, held in San Francisco, Calif.	Middle Career, Senior Scientist	P
<b>William Gilbert Award</b>	The William Gilbert Award is given annually to one honoree in recognition of outstanding and unselfish work in magnetism of Earth materials and of the Earth and planets, including the whole range of research activities in which Geomagnetism and Paleomagnetism members are engaged.	Early Career, Middle Career, Senior Scientist	GP

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Name of Section/Focus Group Lecture	Scope Statement	Section/Focus Group
<b>Bowen Lecture</b>	The Norman L. Bowen Lecture is given by the Bowen Awardee who is recognized for his outstanding contributions to volcanology, geochemistry or petrology.	VGP
<b>Daly Lecture</b>	The Reginald Daly lecture honors the life and work of geologist, Reginald Daly. The Daly Lecture is selected for exemplifying Reginald Daly's work with outstanding contributions to volcanology, geochemistry or petrology. It is also a part of the Bowie lecture series the 50th presentation of the William Bowie medal, AGU's highest honor and named for its first president. Daly is a past recipient of the William Bowie medal.	VGP
<b>Gutenberg Lecture</b>	The Beno Gutenberg Lecture honors the life and work of the renowned seismologist and is presented annually during the AGU Fall Meeting. It is also a part of the Bowie Lecture series to commemorate the 50th presentation of the William Bowie medals, AGU's highest honor and named for its first president. Gutenberg is past recipient of the William Bowie medal.	S
<b>Lorenz Lecture</b>	The Lorenz Lecture is in honor of Edward N. Lorenz for his outstanding pioneering works in nonlinear geophysics and annually acknowledge original contributions to this domain.	NG
<b>Reeburgh Lecture</b>	The William S. and Carelyn Y. Reeburgh lecture is in recognition of significant contributions by a mid-career scientist in the fields of Ocean Sciences or Biogeosciences.	B, OS
<b>Sverdrup Lecture</b>	The Sverdrup Lecturer is selected for exemplifying Harald Sverdrup's work with outstanding contributions to the basic science of the atmosphere and the oceans and/or unselfish service promoting cooperation in atmospheric and oceanographic research.	OS
<b>Whipple Lecture</b>	The Whipple Lecture is given by the winner of the Whipple Award, named after Fred Whipple, a gifted astronomer most noted for his work on comets. The Whipple Award is given annually to one honoree in recognition of outstanding contributions in the field of planetary science.	P
<b>Witherspoon Lecture</b>	The Paul A. Witherspoon Mid-Career Lecturer in Hydrologic Sciences is given in honor of Paul A. Witherspoon, a dynamic and influential leader in hydrologic sciences for more than 50 years. The goal is to recognize significant contributions in the hydrologic sciences by a mid-career scientist, including the awardee's research impact, innovative interdisciplinary work, application of research to societally important problems, and inspired and dedicated mentoring of young scientists, and to acknowledge that the awardee shows exceptional promise for continued leadership in hydrologic sciences.	H
<b>Bolin Lecture</b>	The Bert Bolin Lecture honors the life of Bert Rickard Johannes Bolin (1925-2007), a Swedish biogeochemist/meteorologist who served as the first Chairman of the Intergovernmental Panel on Climate Change. This lecture is associated with the Bert Bolin award which will be given to one individual or team of honoree for his/her/their groundbreaking research or/and leadership in global environmental change through cross-disciplinary, interdisciplinary, and transdisciplinary research in the past 3-5 years.	GEC
<b>Birch Lecture</b>	The Francis Birch Lecture honors the life and work of the renowned geophysicist, whose work was concerned chiefly with elasticity, phase relations, thermal properties and heat flow, and the composition of the Earth's interior. The Birch Lecture is also a part of the Bowie Lecture series, which was inaugurated in 1989 to commemorate the 50th presentation of the William Bowie medal, which is AGU's highest honor and named for its president. Birch is a past recipient of the William Bowie medal.	T
<b>Bjerknes Lecture</b>	Established in 1994, the Bjerknes Lecture honors the life of Jacob Aall Bonnevie Bjerknes (1987-1975) and his work in developing the basic theory of fronts and cyclogenesis and weather prediction and the development of quantitative models for that purpose.	AS
<b>Bowie Lecture</b>	The William Bowie Lecture honors the life and work of geodetic engineer and AGU's first president, William Bowie. The Bowie Lecture series was inaugurated in 1989 to commemorate the 50th presentation of the William Bowie medal, which is AGU's first and highest honor given annually in recognition of outstanding contributions to fundamental geophysics and unselfish cooperation in research.	G
<b>Bullard Lecture</b>	The Edward Bullard Lecture honors the work and life of geophysicist, Edward Crisp Bullard. This Geomagnetism and Paleomagnetism section named lecture is presented annually at the AGU Fall Meeting.	GP
<b>Carson Lecture</b>	The Rachel Louise Carson Lecture honors life and work of marine biologist, Rachel Carson. The Carson Lecturer is selected for exemplifying Rachel Carson's work with cutting-edge ocean science, especially science relevant to societal concerns.	OS
<b>Charney Lecture</b>	The Jule G. Charney Lecture honors the memory of Jule G. Charney, one of the dominant figures in atmospheric science in the three decades following World War II. Much of the change in meteorology from an art to a science is due to his scientific vision and his thorough commitment to people and programs in this field.	AS
<b>Emiliani Lecture</b>	The Cesare Emiliani Lecture honors the life and work of the renowned paleoceanographer, Cesare Emiliani. The Emiliani Lecturer is selected for making outstanding contributions to the field of paleoceanography. This prestigious honor is only bestowed once per individual. The presenter of the Emiliani Lecture is chosen jointly by the Paleoclimatology and Paleoclimatology Focus Group and Ocean Sciences Section.	OS, PP
<b>Franklin Lecture</b>	The Benjamin Franklin Lecture honors the life and work of scientist, Benjamin Franklin. In addition to being one of the founding fathers of the United States, Franklin is also known for his discoveries and theories regarding electricity.	ASE
<b>Langbein Lecture</b>	The Walter Langbein Lecture honors the life and work of hydrologist, Walter B. Langbein. The Langbein Lecture is the premier scientific activity of the Hydrology section held at the AGU Fall Meeting. It is also a part of the Bowie Lecture series. Langbein is a past recipient of the William Bowie medal. The Langbein lecture is given for lifetime contributions to the science of hydrology and/or for unselfish cooperation in hydrologic research.	H
<b>Leptoukh Lecture</b>	The Greg Leptoukh Lecture honors the life and work of Earth scientist, Greg Leptoukh. Leptoukh was very active in the informatics community and involved in many projects related to data quality and data provenance. The lecturer is selected for significant contributions to informatics, computational, or data sciences through research, education, or other activities. Specifically, this lecture aims to raise awareness about the computational and data advances that enable breakthroughs in domain science, as well as foster exceptional individual to make continued contributions in informatics and data science.	ESSI
<b>Nicolet Lecture</b>	The Marcel Nicolet Lecture recognizes scientists who have made significant contributions to the field of Aeronomy. It honors the life and work of Professor Marcel Nicolet, a pioneer in aeronomy.	SPA

Name of Section/Focus Group Lecture	Scope Statement	Section/Focus Group
<b>Nye Lecture</b>	The John F. Nye Lecture honors the work of cryospheric science pioneer, John F. Nye. This named lecture is presented annually during the AGU Fall Meeting in San Francisco. The Nye Lecturer is selected based on highlighting and recognizing an outstanding cryospheric scientist and her/his recent accomplishments as well as the individual's ability to present exciting science to the non-cryosphere community of AGU scientists.	C
<b>Parker Lecture</b>	The Eugene Parker Lecture recognizes scientists who have made significant contributions to the field of Solar and Heliospheric Physics. This lectureship is named in honor of Professor Eugene Parker, a pioneer in solar and heliospheric physics.	SPA
<b>Sagan Lecture</b>	The Carl Sagan Lecture honors the life and work of astronomer and astrophysicist, Carl Sagan. Trained in astronomy and biology, Sagan was a leader in establishing the field of Astrobiology and a tireless educator, author and space advocate. This named lecture, co-sponsored by the Planetary Sciences and Biogeosciences Sections, is presented annually at the AGU Fall Meeting.	B, PS
<b>Schneider Lecture</b>	The Stephen Schneider Memorial Lecture honors the life and work of scientist and climatologist, Stephen Schneider. Schneider was an extremely influential scientist with extensive national and international recognition for his research, policy analyses, and outreach related to climate and climate change.	GEC
<b>Sharp Lecture</b>	The Robert Sharp Lecture honors the life and work of geologist, Robert P. Sharp. This Earth and Planetary Surface Processes focus group named lecture is presented annually at the AGU Fall Meeting. During the year of the presentation, the focus group's executive committee will invite the recipient of either the Luna B. Leopold Award or G.K. Gilbert Award to deliver the Sharp Lecture.	EPSP
<b>Shoemaker Lecture</b>	The Shoemaker Lecture is part of the AGU series of Bowie lectures that were inaugurated in 1989 at the 50th presentation of the William Bowie Medal, the AGU's highest honor. The Shoemaker lecture is named for Eugene Shoemaker, an outstanding geologist and planetary scientist known for his study of impact craters and lunar science. Shoemaker was awarded the Bowie Medal in 1996 and was killed in an auto accident in Australia in 1997.	PS
<b>Tyndall Lecture</b>	This annual lecture offers a historical perspective on global environmental change. The lecture is named in honor of 19th century Irish-born scientist John Tyndall FRS, whose measurements in the mid-century confirmed the significance of the greenhouse effect, which had been first hypothesized by French mathematician/physicist Joseph Fourier in 1824.	GEC
<b>Van Allen Lecture</b>	The Van Allen Lecture recognizes scientists who have made significant contributions to the field of Magnetospheric Physics. This lectureship is named in honor of Professor James Van Allen, a pioneer in magnetospheric physics.	SPA
<b>White Lecture</b>	The Gilbert F. White Distinguished Lecture Award is given annually to an individual "for original contributions to the basic knowledge of natural hazards and/or disaster risks". The lecture will be presented by the awardee at the AGU Fall Meeting of the year of the award.	NH

Nominate a colleague for any of these  
Section/Focus Group Awards and Lectures

The nominations cycle opens 15 January  
[honors.agu.org](https://honors.agu.org)