

Seligman Crystal

Definition:

'The Seligman Crystal is awarded in recognition of outstanding scientific contributions to Glaciology'.

Criteria

The Seligman Crystal shall be awarded to a single person or a collaborative group/team that has made exceptional scientific contributions to glaciology, defined as any snow and/or ice studies, so that the subject is now significantly enriched. The nominee's research contribution should have had a long-lasting impact on the understanding, direction or focus of a glaciological discipline, and have transformed the discipline in a unique way. This may include opening up a new area of the discipline or radically transforming thinking in an area, and will typically include producing a substantial high-impact body of consistently leading edge work. This award is given for scientific accomplishments within Glaciology. All IGS award nominees are expected to exhibit high moral and ethical standards within the glaciological and wider communities

Frequency

Nominations for the Seligman Crystal will be called for annually and awarded on the basis of the merit of the nominee. It is expected that not more than one (in exceptional cases two) awards will be given per year.

Eligibility

- The nominee(s) should ideally be a member of IGS or have a majority members of IGS.
- No one individual may receive the award more than once, though nominated groups may contain previous award winners.
- The nominator may be anyone with sufficient knowledge of the nominee(s) to write a strong nomination letter.

Nominations

Nomination packages should include three elements:

- a) a nomination letter,
- b) an abridged CV of the individual or group, and
- c) three other letters of support (up to 2 pages).

Nominations should be made in confidence and without the knowledge of the nominee(s). The abridged CV should be created by the nominator and list the principal achievements of the nominee(s) throughout their career.

The nomination letter should focus on the nominee's scientific accomplishments, and address in detail how these meet the criteria above. It should highlight the importance, novelty, sustained impact, and transformative character of the nominee's research, and exemplify this by reference to pivotal publications and their impact.

Letters of support can be multi-signatory if more than three people wish to support the nomination. The signature page is not counted in the 2-page limit for letters of support and can be as long as needed. Letters from scientists at different career stages are encouraged, e.g. by younger scientists stating how the nominee's research has inspired and/or encouraged their career development.

Nominations should be sent to the Chair of the Awards Committee, and be copied to the IGS Secretary General.

History

In late 1962, the concept of an award for excellence in the discipline of glaciology took shape at a Council meeting in Obergurgl, Austria: not a gold medal but a hexagonal crystal of high-quality glass named the *Seligman Crystal*, after the Society's founder.

Previous awardees:

G. Seligman (1963)	H. Oeschger (1989)	G.K.C. Clarke (2001)
H. Bader (1967)	W.F. Weeks (1989)	K. Hutter (2003)
J.F. Nye (1969)	C.R. Bentley (1990)	R.B. Alley (2005)
J.W. Glen (1972)	A. Higashi (1990)	L.G. Thompson (2007)
B.L. Hansen (1972)	H. Röthlisberger (1992)	P.A. Mayewski (2009)
S. Evans (1974)	L. Lliboutry (1993)	A. Iken (2011)
W. Dansgaard (1976)	A.J. Gow (1995)	D.E. Sugden (2012)
W.B. Kamb (1977)	W.F. Budd (1996)	P. Duval (2013)
M. de Quervain (1982)	S.J. Johnsen (1997)	R.C.A. Hindmarsh (2019)
W.O. Field, Jr (1983)	C.J. Lorius (1998)	D.R. MacAyeal (2019)
J. Weertman (1983)	C.F. Raymond (1999)	
M.F. Meier (1985)	S.C. Colbeck (2000)	
G. de Q. Robin (1986)	G.S. Boulton (2001)	