



NOMINATION FOR SCIENTIFIC COMMITTEES OR EQUIVALENT

Please complete this form and send it to: secretariat@icsu.org

DETAILS OF CANDIDATE NOMINATED

Organisation: Columbia University - Lamont Doherty Earth Observatory

Title: Dr. First Name: Robin Last Name: Bell

Year of birth: 195

Gender: Female

Address: 61 Rt 9W , Palisades, NY, USA 10964-8000

Country: USA

Nationality: USA

Email Address: robinb@ldeo.columbia.edu

Phone :

Fax:

Submitted by :

Title: Dr First Name: Colin Last Name: Summerhayes

PROFILE OF NOMINEE

Name of Nominee: **Robin Bell**

Academic Background: (maximum of 10 lines)

1977-1980 Middlebury College, B.A. (magna cum laude), Geology, 1980
1982-1989 Columbia University, M.S., M. Phil, Ph.D., May 1989 Geophysics

Positions Held: (maximum of 10 lines)

2004-present Director NSF Funded ADVANCE Women in Science Program at Columbia
2002-present Director LDEO Center for Rivers and Estuaries
1999-present Doherty Senior Research Scientist,
Lamont-Doherty Earth Observatory of Columbia University
1998-present LDEO Executive Committee
1998-present Project Coordinator Hudson River Estuary Program Benthic
Mapping Project, supported by New York State
1994-2000 Co-Director, Support Office for Aerogeophysical Research, (SOAR)
Institute for Geophysics, University of Texas at Austin
1982-1999 Research Scientist, Associate Research Scientist, Post-Doctoral
Research Associate, Graduate Research Assistant,
Lamont-Doherty Earth Observatory of Columbia University
1980-1982 Geophysicist, U.S.G.S., Marine Office, Woods Hole, MA.

Expertise: (maximum of 10 lines)

Robin E. Bell is a Doherty Senior Research Scientist at Columbia University's Lamont-Doherty Earth Observatory where she directs research programs in the Hudson River and Antarctica. Coordinating seven major aero-geophysical expeditions to Antarctica she has studied the mechanisms of ice sheet collapse, the linkages between ice sheets behavior and the underlying lithosphere and the origin of subglacial lakes. She is the Lead Scientist of the New York State Hudson River Action Plan Project's Benthic Mapping Program, a collaborative 5 year effort targeted at understanding the linkages between the dynamics of the river and both the transport of contaminants and the sustainability of benthic habitats. She is the Lead Scientist in the emerging international program to probe Lake Vostok, the largest subglacial lake on earth and an analogue for Europa the icy moon of Jupiter. Her research interests are in linking the earth's physical processes with the impacts on biota.

Why is this individual particularly suited to this committee or panel ? (maximum of 5 lines)

Robin is currently Vice Chair of the ICSU IPY Planning Group, and it is accepted that she has done a fine job working with CVhris Rapley to bring the planning exercise to fruition. Her appointment to the committee would provide essential continuity. She is a leader in particular of the subglacial Antarctic lakes exploraton project.