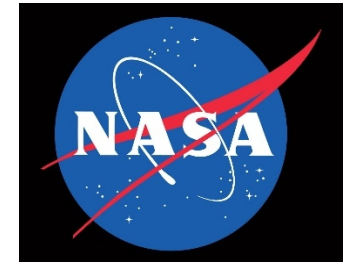




## Conferencia Magistral



### **"EL NIÑO, LA NIÑA AND WALKER CIRCULATION"**

**Dr. David Halpern (NASA)**



### **"EL NIÑO EVENT 2014-2016 UPDATED AT OCTOBER 7-2015"**

**Dr. Luis Icochea (UNALM)**

**Día: Miércoles 7 de Octubre - 2015**

**Hora: 11:30 am**

**Lugar: Auditorio A-5 de la Universidad Nacional Agraria La Molina**

## **A brief Resume of Dr. David Halpern**

Senior Research Scientist at the Jet Propulsion Laboratory. He served as Senior Advisor for Earth science research at NASA Headquarters and Senior Policy Analyst for climate change and for oceans at the White House Office of Science and Technology Policy. He has been a visiting professor at Caltech and adjunct professor at UCLA, University of Maryland, and University of Washington.

He chaired many national and international ocean and atmosphere groups. Currently, he is a member of the JPL Senior Research Scientist Council, the NRC Ocean Studies Board, and the US CLIVAR Panel on Phenomena, Observations and Synthesis. He is a co-chair of the GEO Data Sharing Working Group and chairs the COSPAR Task Group on GEO. He is a Delegate to the Council of the American Association for the Advancement of Science.

He is the US Representative to the United Nations Bureau for the World Ocean Assessment. Dr. Halpern's research focuses on ocean circulation and ocean-atmosphere interactions using in-situ and satellite measurements and results derived from ocean general circulation models contained with observations. Dr. Halpern pioneered in-situ upper-ocean current and near-surface wind measurements in coastal and equatorial regions. He is a Fellow of the American Association for the Advancement of Science, American Geophysical Union, American Meteorological Society, California Academy of Sciences, and International Academy of Astronautics. Dr. Halpern received a B.Sc. honors degree in Geology and Physics from McGill University and a Ph.D. in Physical Oceanography from MIT under the tutelage of Professor Henry Stommel.

## **A brief Resume of Dr. Luis Icochea**

Principal Professor at the “La Molina” National Agrarian University.

Doctor in Fisheries Science graduated from Hokkaido University in Japan -Faculty of Fisheries. Master in Fisheries Science from Tokio University of Fisheries, Tokyo -Japan with speciality in Fisheries Oceanography.

Advanced knowledges in species such as squid, hake, sea eel, mahi mahi, jack mackerel, mackerel, sardine, anchovy, etc.

Fisheries Minister Adviser (February 1998 - December 1999 and December 2000 – July 2001). Author of the draft of the Peruvian Strategic Plan of the Fisheries Sector 2009-2014

Dean of the Faculty of Fisheries on May 1996- May 1999 and May 2005-May 2008. Member of the Board in IMARPE, as representante of the "La Molina" National Agrarian University on October 1998 - September 2001 and October 2006 – October 2009. Adviser of Peruvian and Foreign Fishing Companies and also, Adviser in bank entities in relation to fishing.

Dr. Icochea's research focuses on ocean circulation and ocean-atmosphere interactions using in-situ sensors a long Peruvian Coast and satellite measurements of NOAA.

Currently, we could forecast El Niño 2014-2016 as we did in 1997-1998.