

3rd Seminar on Innovation, Science and Technology for Energy-Efficient
Development: Green Buildings

Profile of Participants

COUNTRY: CHILE

Name: **Javier Del Rio Ojeda**
Nationality: **Chilean**
Current position: **Advisory Architect on Energy Efficiency, Professor on Sustainability Area**
Institution: **Universidad Católica, Escuela Arquitectura**
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Small biography

1981 PUC Architect with specialized studies in Energy Savings at the London Architectural Association, AA(Hons)Dipl (1983-85).

Teacher in saving specialty and energy efficiency in buildings, at the architecture schools of the PUC.

Guest professor in schools of architecture at: U. del Desarrollo, U. del Pacífico, U. de Magallanes de P. Arenas, U. del Desarrollo de Concepción, U. de Temuco, U. de La Serena, U. de Viña del Mar; in foreign places, at the U. Técnica de Berlín, U. Federal de Rio de Janeiro and the U. de Arizona; also open talks in Mexico and Uruguay. Creator and coordinator of the Diploma in Sustainable Architecture at the PUC (2002-07) and later in the UNAB (2009-2010).

With presentation of numerous papers and reports on various national conferences (including those organized by the CDT of C.Ch.C, Mineduc and Minsal) and foreign (highlights Germany, England, Holland, Uruguay, Brazil, Mexico and Canada).

He participated in the early stages of the 1st Thermal Regulation of the country for the MINVU by the Construction Institute.

In 2003 he won the Fermín Vivaceta National Award from the College of Architects of Chile and in 2011 the Batimat France Award, both for contributions to the promotion of energy saving in architecture.

He has published a series of articles in technical journals (BIT; Lignum, CMB, Focus, among others) and in the press he is a columnist for Revista +Decoración de La Tercera since 2008. Editorial Board Member of Revista Bit of the CChC since 2011.

Honorary Member of ACESOL, Chilean Assoc. for Solar Energy and advisor to companies Velux and Hunter-Douglas in solar control.

Has a particular architecture and energy savings office since 1986, with various energy projects and consultancies (for over 1.300.000m² built for various companies, institutions, offices for architects and private clients, including cases abroad as in Bolivia, Costa Rica, El Salvador, Uruguay, Mexico, Peru and India).

Impact of their work of teaching and / or research

Chile is a country that has steadily grown economically over the past 20 years, energy consumption therefore also, but not having the resources of sufficient energy has resulted on the importation of almost 90% of the total. Given this unfavorable background, the growth has been high cost, full of regulations, complications and long studies regarding the search for alternative energy, which are still expensive.

The other way addressed in parallel, has been energy efficiency, especially in buildings, area of interest of the professional present, where it is making a major effort to re-educate all participants in the building process; including architects.

Hence the impact and utility of work in teaching the subject, specifically at the School of Architecture at UC, Santiago, Chile, in the area of sustainability in buildings and most especially in its relation to the climate of each different climate zone of the country.

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