

## EXPERT'S PROFILE

**Name of Grantee** : **DR. JOOST R. SANTOS**  
**Area of Expertise** : Systems Engineering  
**Inclusive Date of Contract as BSP Awardee** : July 09 – August 10, 2012  
(Short-Term Program)  
**Host Institution** : De La Salle University  
**Contact Number** : 0915-180-5129  
**E-mail Address** : joost@gwu.edu

### EDUCATIONAL BACKGROUND

- PhD in Systems Engineering, University of Virginia, 2003
- MSc in Industrial Engineering, University of the Philippines, 1997
- BS in Industrial Engineering, University of the Philippines, 1989

### WORK EXPERIENCE

- 2009-Present **Assistant Professor**  
Department of Engineering Management and Systems Engineering,  
The George Washington University, Washington, DC
- 2003-2009 **Research Assistant Professor**  
Center for Risk Management of Engineering Systems,  
University of Virginia, Charlottesville, VA
- 2000-2003 **Graduate Research Assistant**  
Center for Risk Management of Engineering Systems,  
University of Virginia, Charlottesville, VA
- 1999-2000 **Graduate Teaching Assistant**  
Department of Systems and Information Engineering  
University of Virginia, Charlottesville, VA
- 1995-1999 **Assistant Professor**  
Department of Engineering Sciences  
University of the Philippines
- 1997-1998 **Industrial Engineering Program Specialist**  
Department of Education, Culture, and Sports  
Manila, Philippines
- 1995 **Corporate Planner**  
Philippine National Oil Company  
Makati City, Philippines

### To Be Accomplished As BSP Awardee

1. Conduct series of lectures on contemporary theories and applications of disaster risk management;
2. Develop a public domain computer model utilizing IIM principles for disaster risk analysis;
3. Participate in writing of conference and/or journal publications with DLSU faculty and students;
4. Assist graduate students working on theses/dissertations; and
5. Identify future collaborations beyond the study period.