





CERTIFICATE OF  
**AWARD**  
BEST TECHNICAL PAPER

***Experimental Evaluation of Saudi Building Code (SBC 304) Provisions  
for the Corrosion Protection of Reinforced Concrete Structures - Effect  
of Temperature on Chloride Threshold Value***

***Presenter: Raja Rizwan Hussain***

***Co-Authors: Abdulrahman M. Alhozaimy, Mshtaq Ahmed,  
and Abdulaziz Al-Negheimish***

**DuraBI 2021**

2<sup>nd</sup> International Conference on Durability of Building and Infrastructures for Smart City

**Hanseung Lee**  
Chair, Organizing Committee of  
DuraBI 2021, Kaifeng, China  
ERC director, Durable Building &  
Infrastructure Research  
Research Center (DuraBI)

**Mohamed A. Ismail**  
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DuraBI 2021, Kaifeng, China  
Miami College of Henan  
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University (ERICA),  
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Kingdom of Saudi Arabia  
Ministry of Higher Education  
King Saud University  
College of Engineering  
Research Center



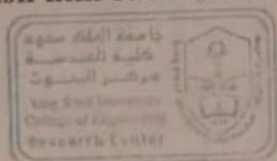
## Excellence in Research Award First Position

The Research Center, College of Engineering is pleased to grant the  
Excellence in Research Award, conferred by the Dean, College of Engineering to:

**Dr. Raja Rizwan Hussain**

Declared as the best researcher of the academic year 2010 – 2011, in  
appreciation for his continued outstanding scientific production.

We wish him success in all his future research ventures.



Dr. Mohammad A. Al-Eshaikh  
Director, Research Center



# DIPLÔME

**G**inventions  
eneva

## SALON INTERNATIONAL DES INVENTIONS GENÈVE

Après examen, le Jury International a décidé

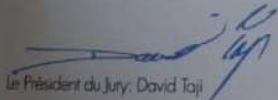
de remettre à: **Dr. Raja Rizwan HUSSAIN**

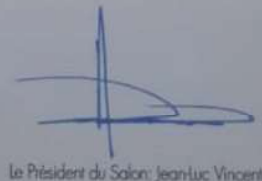
pour l'invention: **Technique pour empêcher la corrosion dans le béton armé**



MÉDAILLE D'OR  
GOLD MEDAL  
GOLD MEDAILLE

Genève, le 12 avril 2013

  
Le Président du Jury: David Tajj

  
Le Président du Salon: Jean-Luc Vincent

R. R. HUSAIN

ARABIE SAOUDITE



THIS IS TO RECOGNIZE THAT

*Raja Rizwan Hussain*

*Tetsuya Ishida*

HAS BEEN AWARDED THE

**SSMS OUTSTANDING PAPER AWARD**

*For the paper,*

*"Modeling of Corrosion in RC Structures under Variable Chloride Environment Based on Thermodynamic Electro-Chemical Approach"*  
*Journal of Society for Social Management Systems, March 2009*

6 MARCH 2009

BY AUTHORIZATION OF THE BOARD OF DIRECTION

*Patricia D. Galloway*  
Dr. Patricia D. Galloway,  
Chairperson



SOCIETY FOR SOCIAL MANAGEMENT SYSTEMS



July 22, 2009

CCO Dr. Abdulaziz Al Nageimah  
Asst. Professor, Center of Excellence for  
Concrete Research and Testing,  
COC-CRT, Civil Engineering Department  
College of Engineering  
King Saud University  
P.O. Box 800, Postal Code 11421  
Riyadh, Saudi Arabia  
Attn: Mr. Raja Rizwan Hussain

Re: SSMS Outstanding Paper Award

We are pleased to announce you that your paper "Modeling Corrosion in RC Structures under Variable Chloride Environment Based on Thermodynamic Electro-Chemical Approach" contributed to the Society for Social Management Systems in 2007 was awarded as Outstanding Paper at the Award Ceremony in the International Symposium of Society for Social Management Systems 2009 held on March 5th, 2009.

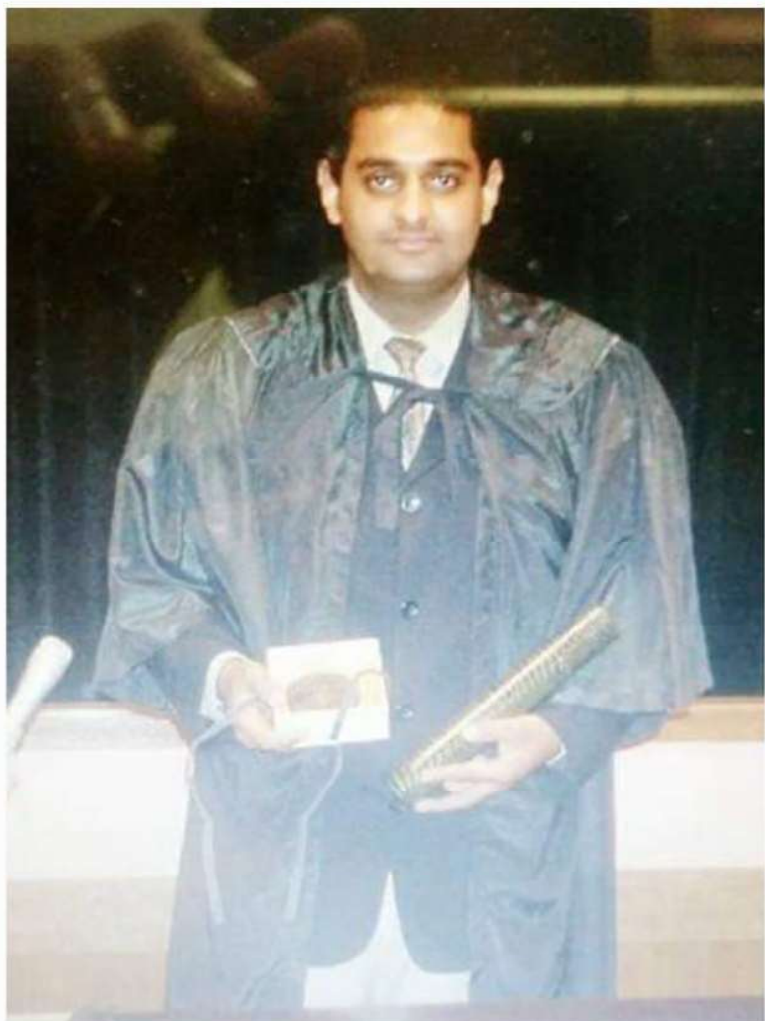
Your Co-Author Dr. Tetsuya Ishida joined the award ceremony, but unfortunately we could not have you in the ceremony. We hereby send you the certificate of commendation.

Please accept our sincere congratulations on your award-winning paper and gratitude for your contribution to our society.

Very truly yours,

*Seigo Natsu*  
Dr. Patricia D. Galloway

The Chairperson of Society for Social Management Systems  
Professor Seigo Natsu  
SSMS2010 Secretariat General  
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College of Engineering  
Dean's Office



بسم الله الرحمن الرحيم  
كلية الهندسة  
مكتب العميد

Date: ٢٠١٤/٧/٢٦ No: ٣٥٨/١٣٤٤٤

**المحترم**

**سعادة الدكتور / رجاء رضوان**

**قسم الهندسة المدنية**

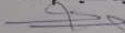
**الملك عليشة ورجمة الله وبركاته . وبعد**

تلقينا بمرور بالغ خير حصولكم على الميدالية الذهبية في معرض ماليزيا الدولي الحادي عشر للابتكار والاختراع ٢٠١٢ م.

وإني بهذه المناسبة أقدم لعمادتكم تهنئة الشكرية على هذا الإنجاز وأسأل الله بخصم مزيداً من التوفيق والسداد في الدنيا والآخرة.

هذا ولتضمن متي خالص التحية والتقدير ..

**عميد كلية الهندسة**



**أ.د. خالد بن إبراهيم الحميري**

(الختم)

  
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١٤٣٦ هـ - رمضان ٢٠١٤



