

## Editorial

Saha, Bidyut Baran

Thermal Science and Engineering Division, International Institute for Carbon-Neutral Energy Research (WPI-I2CNER), Kyushu University : Professor and Principal Investigator | Kyushu University Program for Leading Graduate School, Green Asia Education Center : Professor

<https://doi.org/10.5109/1936945>

---

出版情報 : Evergreen. 3 (1), pp.ii-iii, 2016-03. 九州大学グリーンアジア国際リーダー教育センターバージョン :

権利関係 : Creative Commons Attribution-NonCommercial 4.0 International





## Editorial

Evergreen - Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy has now completed first two years. On behalf of the Editorial Board members and the field editors, I am privileged and delighted to announce the publication of the fifth issue of the Evergreen Journal.

The growing concern over climate change has seen a significant repositioning in global thinking about energy conservation and green technologies. There has also been a growing recognition of the need to support green energy technologies especially in the Asian countries as they grow and transition their economies.

Many of these changes have been recognized in our journal through the topics addressed in four previous issues during the last two years. As measured by downloads and on-line paper views, readership of our articles have been increasing gradually.

This issue consists of six contributed papers. All the six contributed papers were selected after peer review by at least two experts for each submission in accordance with the peer review policy of Evergreen - Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy. There is a wide spectrum of topics on (i) fabrication of ultrananocrystalline diamond/nonhydrogenated amorphous carbon composite films for hard coating material applications by coaxial arc plasma deposition, (ii) system identification for quad-rotor parameters using neural network a new technique approach to identify the system parameters without using the system governing equations, (iii) an overview of desiccant air-conditioning system for the on-farm storage of fruits and vegetables in Pakistan and determines the ideal storage zone for the studied agricultural products in order to ascertain the system applicability, (iv) study on the fabrication and application aspects of the organic Schottky solar cells with n-doped poly [2-methoxy-5-(2'-ethylhexyloxy) -p-phenylene vinylene] (MEH-PPV), (v) investigation on the characteristics of the hydrological systems in the mining area using semi-distributed models that can be used to simulate the river flow of the Ukud river in Lati coal mine area of Indonesia, and (vi) study on the Si and Cr doping effects on growth and mechanical properties of ultrananocrystalline diamond/amorphous carbon composite films deposited on cemented carbide substrates by coaxial arc plasma deposition for the improvement of the hardness and modulus. This would not have been possible but for the willingness and efforts of the authors to share their research results

I wish to place on record the services of the reviewers for their constructive comments and criticisms which contributed greatly to improve the quality of all the papers chosen for this issue. I am gratefully acknowledging the strong effort of our editorial staffs Mr. Masayoshi Makino and Mieko Inoue for their ample support.

Bidyut B. Saha

Editor-in-Chief

Evergreen - Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy

---

Bidyut Baran Saha, Ph.D.

Professor and Principal Investigator

Thermal Science and Engineering Division

International Institute for Carbon-Neutral Energy Research (WPI-I<sup>2</sup>CNER)

Kyushu University

744 Motooka, Nishi-ku, Fukuoka-shi, Fukuoka 819-0395, Japan

Tel and Fax: +81-92-802-6722

E-mail: saha.baran.bidyut.213@m.kyushu-u.ac.jp

Adjunct Professor

Kyushu University Program for Leading Graduate School, Green Asia Education Center

Kasuga-koen 6-1, Kasuga-shi, Fukuoka 816-8580, Japan

Tel: +81-92-583-7903, Fax: +81-92-583-8909

E-mail: sahabb@gmail.com

URL: [http://www.cm.kyushu-u.ac.jp/dv10/Koyama\\_lab/pdf/Prof.Saha.pdf](http://www.cm.kyushu-u.ac.jp/dv10/Koyama_lab/pdf/Prof.Saha.pdf)

[http://www.cm.kyushu-u.ac.jp/dv10/Koyama\\_lab/pdf/Research\\_Interest\\_Prof.Saha.pdf](http://www.cm.kyushu-u.ac.jp/dv10/Koyama_lab/pdf/Research_Interest_Prof.Saha.pdf)