

Best management practices for corporate, academic and governmental transfer of sustainable technologies to developing countries

Gilbert L. Rochon · Dev Niyogi · Souleymane Fall · Joseph E. Quansah · Larry Biehl · Bereket Araya · Chetan Maringanti · Angel Torres Valcarcel · Lova Rakotomalala · Hildred S. Rochon · Bertin Hilaire Mbongo · Thierno Thiam

Received: 16 March 2009 / Accepted: 17 March 2009
© Springer-Verlag 2009

Abstract Innovations with respect to technologies that contribute to environmental sustainability have emerged within national government laboratories, international agencies and within academic research institutes. Since each of these entities is understandably more focused on ab initio research, conceptual development and proofs of concept, the production level manufacturing and broad dissemination of such technologies require development

of best management practices (BMPs) for effective partnerships with and/or technology licensure to private sector industry. Alternatively, certain technologies that address specific environmental sustainability needs within the developing countries can be and have been transferred directly, either through bi-lateral transfers or through multi-lateral agencies, serving as intermediaries. The appropriateness of such transfers is contingent upon host country

G. L. Rochon (✉) · S. Fall · L. Biehl · B. Araya · C. Maringanti · B. H. Mbongo · T. Thiam
Purdue Terrestrial Observatory (PTO),
Information Technology at Purdue (ITaP),
Rosen Center for Advanced Computing (RCAC),
Purdue University, West Lafayette, USA
e-mail: rochon@purdue.edu

S. Fall
e-mail: sfall@purdue.edu

L. Biehl
e-mail: biehl@purdue.edu

B. Araya
e-mail: mbereket@purdue.edu

C. Maringanti
e-mail: cmaringa@ecn.purdue.edu

B. H. Mbongo
e-mail: bertin.mbongo@gmail.com

T. Thiam
e-mail: tthiam@purdue.edu

D. Niyogi · S. Fall · A. T. Valcarcel
Department of Earth and Atmospheric Sciences,
Purdue University, West Lafayette, USA

D. Niyogi
e-mail: climate@purdue.edu

A. T. Valcarcel
e-mail: atorresv@purdue.edu

D. Niyogi
Indiana State Climate Office, Department of Agronomy,
Purdue University, West Lafayette, USA

J. E. Quansah · B. Araya · C. Maringanti · B. H. Mbongo
Department of Agricultural and Biological Engineering,
Purdue University, West Lafayette, USA

J. E. Quansah
e-mail: jquansah@purdue.edu

B. Araya
School of Civil Engineering, Purdue University,
West Lafayette, USA

L. Rakotomalala · H. S. Rochon
Cytometry for Life (C4L)-Africa/Purdue University
Cytometry Laboratory, West Lafayette, USA

L. Rakotomalala
e-mail: lova.rakotomalala@purdue.edu

H. S. Rochon
e-mail: hildred@flowcyt.cyto.purdue.edu

L. Rakotomalala
Woodrow Wilson Fellow, Princeton University, Princeton, USA

T. Thiam
Department of Political Science, Purdue University,
West Lafayette, USA