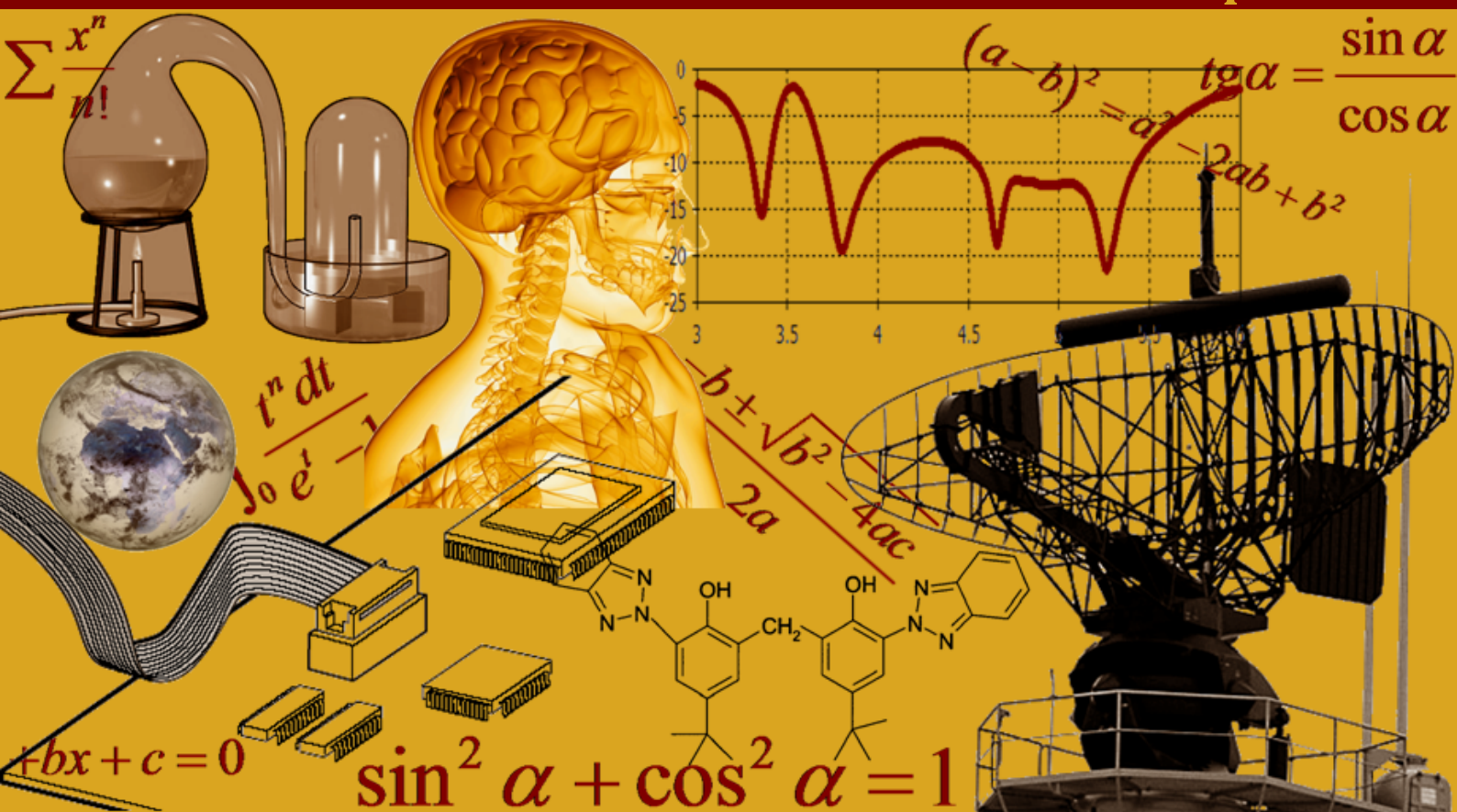


# INTERNATIONAL JOURNAL OF INNOVATION AND SCIENTIFIC RESEARCH

Vol. 78 N. 1 April 2025



International Peer Reviewed Monthly Journal



## ***International Journal of Innovation and Scientific Research***

International Journal of Innovation and Scientific Research (ISSN: 2336-0046) is an open access, specialized, peer-reviewed, and interdisciplinary journal that focuses on research, development and application within the fields of innovation, engineering, science and technology. Published four times per year in English, French, Spanish and Arabic, it tries to give its contribution for enhancement of research studies.

All research articles, review articles, short communications and technical notes are sent for blind peer review, with a very fast and without delay review procedure (within approximately two weeks of submission) thanks to the joint efforts of Editorial Board and Advisory Board. The acceptance rate of the journal is 75%.

Contributions must be original, not previously or simultaneously published elsewhere. Accepted papers are available freely with online full-text content upon receiving the final versions, and will be indexed at major academic databases.

## ***Editorial Advisory Board***

**K. Messaoudi**, Hochschule für Bankwirtschaft, Germany  
**Sundar Balasubramanian**, Medical University of South Carolina, USA  
**Ujwal Patil**, University of New Orleans, USA  
**Avdhoot Walunj**, National Institute of Technology Karnataka, India  
**Rehan Jamil**, Yunnan Normal University, China  
**Sankaranarayanan Seetharaman**, National University of Singapore, Singapore  
**Fairouz Benahmed**, University of Connecticut Health Center, USA  
**Achmad Choerudin, ST.,SE.,MM.**, Academy Technology of Adhi Unggul Bhirawa, Indonesia  
**Mohammad Ali Shariati**, Islamic Azad University, Science and Research Branch, Iran  
**Md Ramim Tanver Rahman**, Jiangnan University, China  
**Rasha Khalil Al-Saad**, Veterinary Medicine College, Iraq  
**Neil L. Egloso**, Palompon Institute of Technology, Philippines  
**Sanjay Sharma**, Roorkee Engineering & Management Technology Institute, India  
**Ahmed Nabile Emam**, National Research Center (NRC), Egypt  
**Md. Arif Hossain Jewel**, Rural Development Academy, Bangladesh  
**N. Thangadurai**, Jayalakshmi Institute of Technology, India  
**Urmila Shrawankar**, G H Rasoni College of Engineering, India  
**Goutam Banerjee**, Visva-Bharati University, India  
**Santosh Kumar Mishra**, S. N. D. T. Women's University, India  
**Anupam Kumar**, Ashoka Institute of Technology & Management, India

## Table of Contents

Rubber tree Reken 628 single-stem bud stick leaf-clipped treatment improves seedling axillary bud quality <i>Zhenan Cha, Jinglan Ruan, Xiyang Jiang, Xuedan Gong, Xianhong Chen, and Jun Wang</i>	1-13
Essor de l'anacarde et sécurité alimentaire dans le département d'Odienné: Défis et perspectives <i>Koné Ferdinand N'Gomory, Kouamé Frederic N'Dri, and Dhédé Paul Éric Kouame</i>	14-29
Evaluation de l'impact de l'intégration de la biomasse de <i>Chromolaena odorata</i> sur le rendement du maïs dans les sols de la région de Daloa, centre-ouest de la Côte d'Ivoire <i>Konan Kouamé Firmin, Roger BAYALA, Tokpa Lisette Zeh, Kouadio Koffi Hypolith, and Sidiky BAKAYOKO</i>	30-36
Conservation et pratiques locales dans la gestion des ressources forestières aux alentours du Mont Bero <i>Jean Pierre Mathieu Lamah, Koffi Guy AMOATTA, and Silvestre Kouamé Kouassi</i>	37-47
Vers une amélioration de processus enseignement apprentissage des sciences de la vie et de la terre: Analyse de la pratique de classe scientifique et remédiation depuis une plate-forme de simulation <i>Aziz Bidari, Mourad Madrane, Rajae Zerhane, Rachid Janati-Idrissi, and Imane Isarghine</i>	48-63
Physico-chemistry of urban wet weather discharges in the Riviera Palmeraie catchment, Abidjan (Ivory Coast) <i>Aïssatou Ghislaine KONE, Jean Louis PERRIN, Kandana Marthe Yéo, Jean Thierry Koffi KOFFI, Serge Éhouman Koffi, Eric Zahiri, and Lanciné Droh GONE</i>	64-77
Conception et mise en place d'une application d'identification des prévenus par empreinte digitale: Cas de processus judiciaire en RDC <i>Kondatata Mbambu Jordan, Mansinsa Matuetimona Bergelin, Katana Vinny Benjamin, and Meni Babakidi Narcisse</i>	78-88
Expérience des parents sur l'encadrement des enfants avec le bégaiement dans la Commune de Makiso à Kisangani <i>Kambale Amani Etienne, Anzasiloko Tabo Chantal, UCIRCAN BULE Chrisante, and MIMILYABO SEZABO Pascal</i>	89-93
Impacts environnemental et socio-économique de l'exploitation des Produits Forestiers Non Ligneux (PFNL) et ligneux au Centre-Sud Cameroun: Cas de <i>Baillonella toxisperma</i> pierre et <i>Ricinodendron heudoletii</i> (Baill.) Pierre ex Heckel <i>Niike Merlin and Mbassi Josiane</i>	94-111
Détermination des lois de distribution des éléments structurels des évacuateurs de crue par la méthode d'indice de condition <i>Guy-de-Patience FTATSI MBETMI, François Juvenaul TAMO CHEKAM, Frédéric DUPRAT, and GUY EDGARD NTAMACK</i>	112-124