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In this issue

Research Article

Open Access Research Article PTZAID:GJE-8-190

Eco-City Planning; concepts and contemporary models

Published On: November 18, 2023 | Pages: 110 - 119

Author(s): Hülya Coskun*

This research is specifically centered on the concepts and contemporary models of eco-city planning. In the current era, there is a notable emergence of innovative city models with a focus on addressing climate-related issues. The drive to create new urban forms and models that concentrate global warming and climate challenges has resulted in the development of contem ...

Abstract View Full Article View DOI: 10.17352/gje.000090

Open Access Research Article PTZAID:GJE-8-188

Aedes (*Stegomyia*) albopictus in rural areas in Brazil: First Record in the State of Ceara

Published On: October 31, 2023 | Pages: 097 - 102

Author(s): Estelita Lima Cândido*, Ulisses Mariano da Silva, Angélica Rodrigues de Souza Costa, Elayne Eally Silva de Oliveira Morais, Gledson Micael da Silva Leite and Carlos Wagner Oliveira

Background: This work aims to describe the finding of Aedes albopictus in an intra- and peridomiciliary area of the rural area in the south-central region of Ceará and discuss the need for entomological surveillance of this species in the country. Method: Through traps installed in an intra- and peridomiciliary environment and artificial breeding grounds, eggs and l ...

Abstract View Full Article View DOI: 10.17352/gje.000088

Open Access Research Article PTZAID:GJE-8-187

The influence of air pollution control devices on gas organic pollutants emission from coal-fired power plants based on LCA

Published On: October 06, 2023 | Pages: 086 - 096

Author(s): Junting Li, Qing Yang*, Ya Peng, Shuo Wang, Jiatao Xiang, Shihong Zhang*, Pujie Yue, Lei Meng and Changqing Wang

Air pollutants (e.g., NOx, SO2) emitted from coal-fired power plants in China have been effectively controlled by Air Pollution Control Devices (APCDs) since 1996. However, the gas organic pollutants (typically Volatile Organic Compounds (VOCs) and Polycyclic Aromatic Hydrocarbons (PAHs)) have been overlooked for a long time. In this study, based on the life cycle ass ...

Abstract View Full Article View DOI: 10.17352/gje.000087

Open Access Research Article PTZAID:GJE-8-185

An assessment of the effects of deforestation on biodiversity in OJO local government area of Lagos State, Nigeria

Published On: September 12, 2023 | Pages: 075 - 080

Author(s): Oga Omoyemi Azeez*

This study assessed the impact of deforestation on biodiversity in the Ojo Local Government Area of Lagos State, Nigeria. Three hundred respondents were randomly selected from ten communities of the local government. Primary data were collected with a structured questionnaire in order to address the objectives of the study. Both descriptive and inferential statistics ...

Abstract View Full Article View DOI: 10.17352/gje.000085

Open Access Research Article PTZAID:GJE-8-183

Demonstration of Rhodes grass (*Chloris gayana* Kunth) varieties at selected highland and midland agro-ecologies of Guji zone, Oromia, Ethiopia

Published On: July 27, 2023 | Pages: 058 - 063

Author(s): Basha Kebede* and Tekle Bobo

Guji zone has different agro-ecologies suitable for livestock production. However, grazing land was shrinking for the production of feed which is the most pre-request for livestock production. As a result, farmers used pasture and crop residues which are insufficient and not available during the dry season. Hence, there was a feed shortage at different agroecologies. ...

Abstract View | Full Article View | DOI: 10.17352/gje.000083

Review Article

Open Access Review Article PTZAID:GJE-8-184

Textile industry as a major source of microplastics in the environment

Published On: August 04, 2023 | Pages: 064 - 074

Author(s): Branka Muši*

This review brings together data on the impact of (micro)plastics, on the environment. Critically evaluates studies on the use of various techniques for recycling textile plastic, which is a major polluter of the environment. In this review, let's focus a bit more on industrial waste in the textile industry since it would be easiest possible to capture and recycle it ...

Abstract View | Full Article View | DOI: 10.17352/gje.000084

Short Communication

Open Access Short Communication PTZAID:GJE-8-189

Futurable: Serious game to raise awareness by building futures

Published On: November 03, 2023 | Pages: 103 - 109

Author(s): Jules Sekedoua Kouadio*, Manon Borgne, Irène Langlet, Mounissamy Alice, Joachim Müller, Fanny Barnabé and Helène Sellier

Today, educational uses of games (serious games) and gamification companies are multiplying, which are helping to extend the field of games so that "the idea of games comes to apply to realities, to situations, to behaviors in connection with which its use, until recently, would have seemed inappropriate, even absurd or scandalous'. However, all these systems are base ...

Abstract View | Full Article View | DOI: 10.17352/gje.000089

Open Access Mini Review PTZAID:GJE-8-186

Integral Agroforestal plot with Sapindus saponaria associated with aromatic and medicinal species to conserve the ecosystems

Published On: September 20, 2023 | Pages: 081 - 085

Author(s): J Jhoncon*, S Poma, N Trinidad, Y Zeballos and G Quiroz

The propagation and processing of Sapindus saponaria, (Boliche) and Caesalpinea spinosa (Tara) will make it possible to manage ecosystems sustainably, obtaining biological soap and natural dyes and contribute to the fight against climate change, since plant cover is increased and to the capture of CO2, reducing the pressure of greenhouse gases, increasing the producti ...

Abstract View Full Article View DOI: 10.17352/gje.000086