



# INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH AND DEVELOPMENT

e-ISSN: 2278-067X p-ISSN: 2278-800X

## CERTIFICATE

It is certify that the paper entitled by “**Risk Mapping Of Prone Areas of Gully Erosion in ASABA Metropolis, Delta State, Nigeria Using Geographic Information System (GIS) Technique**” has been published in **International Journal of Engineering Research and Development (IJERD)**.

***Your article has been published with following details:***

*Author's Name: Idhoko Kingsley.E*

*Journal Name: International Journal of Engineering Research and Development (IJERD)*

*Journal URL: www.ijerd.com*

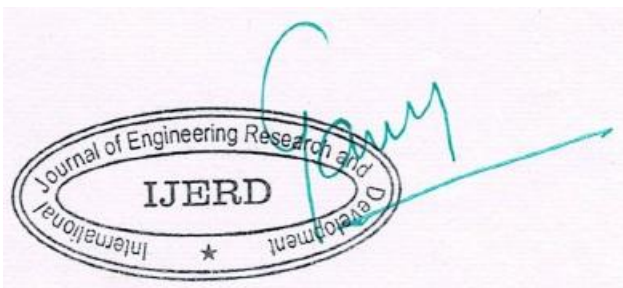
*Journal Type: Online & Offline*

*Publication Year: 2024*

*Publication Month: August*

*Vol No. : 20*

*Issue No. : 08*



Editor-In-Chief

International Journal of Engineering Research and Development (IJERD)

ISSN(Online) : 2278-067X, ISSN(Print) : 2278-800X

E-mail ID: [ijerd.editor@gmail.com](mailto:ijerd.editor@gmail.com)

URL: [www.ijerd.com](http://www.ijerd.com)



# INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH AND DEVELOPMENT

e-ISSN: 2278-067X p-ISSN: 2278-800X

## CERTIFICATE

It is certify that the paper entitled by “**Risk Mapping Of Prone Areas of Gully Erosion in ASABA Metropolis, Delta State, Nigeria Using Geographic Information System (GIS) Technique**” has been published in **International Journal of Engineering Research and Development (IJERD)**.

***Your article has been published with following details:***

*Author's Name: Macdonald Samson Okemena*

*Journal Name: International Journal of Engineering Research and Development (IJERD)*

*Journal URL: www.ijerd.com*

*Journal Type: Online & Offline*

*Publication Year: 2024*

*Publication Month: August*

*Vol No. : 20*

*Issue No. : 08*



Editor-In-Chief  
International Journal of Engineering Research and Development (IJERD)  
ISSN(Online) : 2278-067X, ISSN(Print) : 2278-800X  
E-mail ID: [ijerd.editor@gmail.com](mailto:ijerd.editor@gmail.com)  
URL: [www.ijerd.com](http://www.ijerd.com)