



ISSN No. : 2321-9653

# iJRASET

International Journal for Research in Applied  
Science & Engineering Technology

iJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : [www.ijraset.com](http://www.ijraset.com), E-mail : [ijraset@gmail.com](mailto:ijraset@gmail.com)

## Certificate

*It is here by certified that the paper ID : IJRASET20379, entitled*

*Land use Land Cover Change Detection: A Case Study: Maiduguri Capital City,  
Borno State, Nigeria, 1984 - 2018*

*by*

*Mustapha Babagana*

*after review is found suitable and has been published in  
Volume 7, Issue III, March 2019*

*in*

*International Journal for Research in Applied Science &  
Engineering Technology  
(International Peer Reviewed and Refereed Journal)  
Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, iJRASET

 ISRA

ISRA Journal Impact  
Factor: 7.429



45.98

INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9681-2016



10.22214/IJRASET



TOGETHER WE REACH THE GOAL  
SJIF 7.429



ISSN No. : 2321-9653

# iJRASET

International Journal for Research in Applied  
Science & Engineering Technology

iJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : [www.ijraset.com](http://www.ijraset.com), E-mail : [ijraset@gmail.com](mailto:ijraset@gmail.com)

## Certificate

*It is here by certified that the paper ID : IJRASET20379, entitled*

*Land use Land Cover Change Detection: A Case Study: Maiduguri Capital City,  
Borno State, Nigeria, 1984 - 2018*

*by*

*Malabe Kachallah*

*after review is found suitable and has been published in  
Volume 7, Issue III, March 2019*

*in*

*International Journal for Research in Applied Science &  
Engineering Technology  
(International Peer Reviewed and Refereed Journal)  
Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, iJRASET

 ISRA

ISRA Journal Impact  
Factor: 7.429



45.98

INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9681-2016



TOGETHER WE REACH THE GOAL  
SJIF 7.429



ISSN No. : 2321-9653

# iJRASET

International Journal for Research in Applied  
Science & Engineering Technology

iJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : [www.ijraset.com](http://www.ijraset.com), E-mail : [ijraset@gmail.com](mailto:ijraset@gmail.com)

## Certificate

*It is here by certified that the paper ID : IJRASET20379, entitled*

*Land use Land Cover Change Detection: A Case Study: Maiduguri Capital City,  
Borno State, Nigeria, 1984 - 2018*

*by*

*Dahiru R. Mohammed*

*after review is found suitable and has been published in  
Volume 7, Issue III, March 2019*

*in*

*International Journal for Research in Applied Science &  
Engineering Technology  
(International Peer Reviewed and Refereed Journal)  
Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, iJRASET

 ISRA

ISRA Journal Impact  
Factor: 7.429



45.98

INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9681-2016



TOGETHER WE REACH THE GOAL  
SJIF 7.429



ISSN No. : 2321-9653

# iJRASET

International Journal for Research in Applied  
Science & Engineering Technology

iJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : [www.ijraset.com](http://www.ijraset.com), E-mail : [ijraset@gmail.com](mailto:ijraset@gmail.com)

## Certificate

*It is here by certified that the paper ID : IJRASET20379, entitled*

*Land use Land Cover Change Detection: A Case Study: Maiduguri Capital City,  
Borno State, Nigeria, 1984 - 2018*

*by*

*Aduojo Atakpa*

*after review is found suitable and has been published in  
Volume 7, Issue III, March 2019*

*in*

*International Journal for Research in Applied Science &  
Engineering Technology  
(International Peer Reviewed and Refereed Journal)  
Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, iJRASET

**JISRA**  
J  
F

ISRA Journal Impact  
Factor: **7.429**

INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9681-2016

TOGETHER WE REACH THE GOAL  
SJIF 7.429



ISSN No. : 2321-9653

# iJRASET

International Journal for Research in Applied  
Science & Engineering Technology

iJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : [www.ijraset.com](http://www.ijraset.com), E-mail : [ijraset@gmail.com](mailto:ijraset@gmail.com)

## Certificate

*It is here by certified that the paper ID : IJRASET20379, entitled*

*Land use Land Cover Change Detection: A Case Study: Maiduguri Capital City,  
Borno State, Nigeria, 1984 - 2018*

*by*

*Tanko U. Abba*

*after review is found suitable and has been published in  
Volume 7, Issue III, March 2019*

*in*

*International Journal for Research in Applied Science &  
Engineering Technology  
(International Peer Reviewed and Refereed Journal)  
Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, iJRASET

 ISRA

ISRA Journal Impact  
Factor: 7.429



45.98

INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9681-2016



TOGETHER WE REACH THE GOAL  
SJIF 7.429



ISSN No. : 2321-9653

# iJRASET

International Journal for Research in Applied  
Science & Engineering Technology

iJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : [www.ijraset.com](http://www.ijraset.com), E-mail : [ijraset@gmail.com](mailto:ijraset@gmail.com)

## Certificate

*It is here by certified that the paper ID : IJRASET20379, entitled*

*Land use Land Cover Change Detection: A Case Study: Maiduguri Capital City,  
Borno State, Nigeria, 1984 - 2018*

*by*

*Mohammed Abubakar*

*after review is found suitable and has been published in  
Volume 7, Issue III, March 2019*

*in*

*International Journal for Research in Applied Science &  
Engineering Technology  
(International Peer Reviewed and Refereed Journal)  
Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, iJRASET

 ISRA

ISRA Journal Impact  
Factor: 7.429



45.98

INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9681-2016



TOGETHER WE REACH THE GOAL  
SJIF 7.429



ISSN No. : 2321-9653

# iJRASET

International Journal for Research in Applied  
Science & Engineering Technology

iJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : [www.ijraset.com](http://www.ijraset.com), E-mail : [ijraset@gmail.com](mailto:ijraset@gmail.com)

## Certificate

*It is here by certified that the paper ID : IJRASET20379, entitled*

*Land use Land Cover Change Detection: A Case Study: Maiduguri Capital City,  
Borno State, Nigeria, 1984 - 2018*

*by*

*Ahmed K. Haruna*

*after review is found suitable and has been published in  
Volume 7, Issue III, March 2019*

*in*

*International Journal for Research in Applied Science &  
Engineering Technology  
(International Peer Reviewed and Refereed Journal)  
Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, iJRASET

 ISRA

ISRA Journal Impact  
Factor: 7.429



45.98

INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9681-2016



TOGETHER WE REACH THE GOAL  
SJIF 7.429



ISSN No. : 2321-9653

# iJRASET

International Journal for Research in Applied  
Science & Engineering Technology

iJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : [www.ijraset.com](http://www.ijraset.com), E-mail : [ijraset@gmail.com](mailto:ijraset@gmail.com)

## Certificate

*It is here by certified that the paper ID : IJRASET20379, entitled*

*Land use Land Cover Change Detection: A Case Study: Maiduguri Capital City,  
Borno State, Nigeria, 1984 - 2018*

*by*

*Shehu M. Fatima*

*after review is found suitable and has been published in  
Volume 7, Issue III, March 2019*

*in*

*International Journal for Research in Applied Science &  
Engineering Technology  
(International Peer Reviewed and Refereed Journal)  
Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, iJRASET

 ISRA

ISRA Journal Impact  
Factor: 7.429



45.98

INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9681-2016



TOGETHER WE REACH THE GOAL  
SJIF 7.429