

PROF. DR. IMTIAZ AHMED CHANDIO

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Permanent Address:

Mehran University Employees Co-operating
Housing Society Jamshoro

Current Address:

Professor/Chairman, City and Regional
Planning Department, Mehran University of
Engineering & Technology, Jamshoro, Sindh,
Pakistan

CAREER OBJECTIVE: An Urban and Regional planner as a GIS specialist position that will provide opportunities to use requiring cognizance in urban and regional planning field.

Research Interests: *Multi-criteria Decision Analysis and Spatial Analysis in Urban Planning, and Sustainable Development by using Geographic Information System (GIS), Spatial decision support systems and Environmental Engineering.*

EDUCATION:

Universiti Teknologi PETRONAS (UTP), Seri Iskandar, Perak, **Malaysia**

Degree: PhD in Civil Engineering, 2014

Major: Geographic Information System (GIS)/ Spatial Planning

Research Topic: Spatial Multicriteria for land Suitability of Sustainable Hillside
Development: A case Study of Penang Island.

Universiti Teknologi Malaysia (UTM), Skudai, Johor Bahru, **Malaysia**

Degree: M.Sc.(Planning-Information Technology), July 2009.

Major: Geographic Information System (GIS)/ Spatial Planning

Major Subjects: Principle of Information System, Spatial Analysis and Modelling,
Planning Support System, Data Base Management System, GIS Implementation
and Application, Mini Project (GIS, during masters)

Research Topic: Using Geographic Information System (GIS) as a Supporting Tool in Public Facilities Planning.

Mehran University of Engineering & Technology, Jamshoro, Sindh, **Pakistan**

Degree: Post Graduate Diploma in Environmental Engineering, May 2007.

Major Subjects: Environmental Engineering (Hydrology, Water supply and Waste water treatment Engineering, Air and noise pollution, Environmental Chemistry, etc.)

Research Topic: Critical study of Road Traffic Noise and Land use of Larkana City.

Mehran University of Engineering & Technology, Jamshoro, Sindh, **Pakistan**

Degree: Bachelor of CRP, March, 2001.

Major: City and Regional Planning

Research Topic: Management of Sewerage System of Larkana city, Sindh, Pakistan

WORK EXPERIENCE: Working as **Professor** in the Department of City & Regional Planning, Mehran University of Engineering & Technology, Jamshoro, Sindh, Pakistan.

From 10 January 2022 to date.

Worked as an **Associate Professor** in the Department of City & Regional Planning, Mehran University of Engineering & Technology, Jamshoro, Sindh, Pakistan.

From 14th November 2015 10 January 2022 and from October 2014 to 08-08-2022 (Chairman) department of City and Regional Planning.

Worked as an **Assistant Professor** in the Department of City & Regional Planning, Mehran University of Engineering & Technology, Jamshoro, Sindh, Pakistan.

From 8-December 2009 to 14th November 2015.

Worked as a Lecturer in the Department of City & Regional Planning, Mehran University of Engineering & Technology, Jamshoro, Sindh, Pakistan.

From 19 January 2004 (Contract), From 14-09-2004 (Regular) to 8 December 2009.

Worked as a Instructor in Civil Engineering Department Govt Polytechnic Institute LARKANA.

From 01-01-2002 to 31-01-2003.

Worked as an Urban & Environmental Planner in Global Architects consultants located in Hyderabad. Worked on the planning, designing and execution of the housing projects.

From April, 2001 to November, 2001.

Teaching Assistantship in Department of Urban and Regional Planning, Faculty of Built Environment (FAB), Universiti Teknologi Malaysia (UTM), Malaysia.

From 01-01-2009 to April 2009.

National Engineering Services Pakistan (Pvt.) Limited (NESPAK), Architecture and Planning Division, Karachi

From 15th June to 24th August 1999 as an intern.

Prepared local plan 2009-2020 on Model Town project at Garhi Khuda Bux Bhutto, District Larkana, Sindh,

Trainings:

“Integrated Urban Transport and Town Planning” Course from 13 to 17 June 2016 sponsored by the Singapore Cooperation Programme Training Award (SCPTA), Conducted by the Nanyang Technological University- Centre for Continuing Education, Singapore.

2-Day Workshop on Strategic Management held on 25th- 26th May 2015 at Mehran University of Engineering and Technology, Jamshoro, Pakistan with collaboration HEC with British council of Pakistan.

2-Day Workshop on Water Modelling System held on 26th-27th August 2013 at Universiti Teknologi PETRONAS, MALAYSIA.

Time Series Forecasting with R Statistical Package held on 22nd -23rd April 2013 at Universiti Teknologi PETRONAS, MALAYSIA

Short Course on Exploratory Data Analysis (EDA) held on 5th -7th June 2012 at Universiti Teknologi PETRONAS, MALAYSIA.

Softwares: Arc GIS (Arc Map, Arc Info, Arc Catalog), Expert Choice 11.5(Decision support system software), What if 2.0?, MySQL, Statistical Programme for Social Sciences (SPSS), Ms Office, AutoCAD (2D).

INTERESTS: Research in urban planning issues by using GIS, Reading, Cricket, Jogging, and watching documentary channels on TV

REFERENCES:

ASSOC. PROF. DR. ABD NASIR B MATORI

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ASSOC. PROF. Giuseppe CINA

Department of Regional and Urban Studies and Planning,

UNIVERSITA DEGLI STUDI DI TORINO, Italy

Email:giuseppe.cina@polito.it, Phone:+390110907486

Member: Pakistan Council of Architecture and Planning (PCATP),
Registration No:P-00530.
International Association of Computer Science and Information Technology (IACSIT).Member no: 80343034
Member of AESOP- Association of European Schools of Planning-Sustainable Food Planning

Lectures

Seminar on Architecture and Planning for Sustainable Development, dated on 11 May, 2022 (BUIITEMS, Quetta)

Topic: Need and Importance of Urban Planning with respect to Sustainable Development Goals (SDG-11)

Delivered lecture on “Use of GIS as a Smart Tool in Spatial Planning”, dated on 03 November 2015 at Huazhong University of Science and Technology (HUST), Wuhan, China.

Awards

Excellence Achievement Award 2018 in appreciation of outstanding achievement and valuable recognition in the career by the MEHRAN UNIVERSITY ALUMNI ASSOCIATION (MUA).

PUBLICATIONS

1. Fahd Ahmed Shaikh, **Imtiaz Ahmed Chandio**, Mir Aftab Hussain Talpur, Saima Kalwar, Factors Influencing Residential Location Choice towards Mixed Land-Use Development: An Empirical Evidence from Pakistan, *Sustainability* (Nov., 2022, 14(21), 4604; <https://doi.org/10.3390/su142114604>
2. Irfan Ahmed Memon, Ubedullah Soomro, Sabeen Qureshi, **Imtiaz Ahmed Chandio**, Mir Aftab Hussain Talpur, Madzlan Napiah, (April 2022), Multilayer Perceptron Modelling of Travelers Towards Park-and-Ride Service in Karachi DOI:10.1007/978-3-030-79801-7_72 In book: Advances in Road Infrastructure and Mobility (pp.1026-1038)
3. Irfan Ahmed Memon, Saima Kalwar, Noman Sahito, Aftab H. Talpur, **Imtiaz Amed Chandio**, Madzlan Napiah, Hassan Tayeb, Mode Choice Modeling to Shift Car Travelers towards Park and Ride Service in the City Centre of Karachi, April, 2021, *Sustainability* 13(10):5638, DOI:[10.3390/su13105638](https://doi.org/10.3390/su13105638)
4. Rabia, & Kalwar, Saima & Memon, Irfan & **Chandio, Imtiaz**. (2021). Yeh's Satisfaction Index Modelling of Tenants in Rental Apartments: A Case Study of Latifabad, Hyderabad. Sukkur IBA Journal of Computing and Mathematical Sciences. 4. 1-10. 10.30537/sjcms.v4i2.654.
5. Laraib Bhatti, Mir Aftab Hussain Talpur, Irfan Ahmed Memon, **Imtiaz Ahmed Chandio**, Fahad Ahmed Shaikh, (2021) The Challenges Faced in the Collection and Disposal of Municipal Solid Waste (MSW) Management: A Case Study of Sanghar City, Vol. 5 No. 1: Sukkur IBA Journal of Computing and Mathematical Sciences-SJCMS -January-June 2021, DOI: <https://doi.org/10.30537/sjcms.v5i1.762>.
6. **Imtiaz Ahmed Chandio**, **Kainat Ali Rang** and Mir Aftab Hussain Talpur (2020) *Impact of the Pedestrian System on Environment and Individual Safety in MUET, Pakistan*, Asian Journal of Scientific Research, 13(2):1499-155, DOI: 10.3923/ajsr.2020.149.155 (ASCI Database, Scopus, IF = 0.55)
7. Farrukh Baig, Mir Aftab Hussain Talpur, **Imtiaz Ahmed Chandio**, Musrat Gul bhellar, Rasool Bux Khoso: December-2019 *Paratransit Public Transport Satisfaction Level of Common People:*

- Hyderabad city, Pakistan. Sindh University Research Journal*,; 51(4): 681-686. DOI: 10.26692/sujo/2019.12.108, (HEC Recognized Journal, Category-Y).
8. Aqsa Jawed, M. A. H. Talpur, **I. A. Chandio**, P.N. Mahesar, (2019) Impacts of In-Accessible and Poor Public Transportation System on Urban Environment: Evidence from Hyderabad, Pakistan, *Engineering, Technology & Applied Science Research* Vol. 9, No. 2, 3896-3899(Clarivate Web of Science former ISI/Thomson Reuters/ESCI, EBSCOhost, HEC Recognized Journal, Category-Y).
 9. Shabir Hussain Khahro, Abd Nasir Matori, **Imtiaz Ahmed Chandio**, Mir Aftab Hussain Talpur: *Data Preparation for GIS based Land Suitability Modelling: A Stepped Approach*,. E3S Web of Conferences, June-2019; Volume 101, id.02001. <https://doi.org/10.1051/e3sconf/201910102001>. (Scopus, EBSCO, ProQuest, EI Compendex), Publisher: EDP Sciences.
 10. Mir Aftab Hussain Talpur, Tauha Hussain Ali, **Imtiaz Ahmed Chandio**, and Fahad Ahmed Shaikh (2018) Transportation Planning Studies for Socio-Economic Development of Depressed Sub-Regions: A Review, *Mehran University Research Journal of Engineering & Technology*, Volume 37, Number 3, July, 2018, DOI: 10.22581/muet1982.1803.14 (ESCI, HEC Recognized Journal, Category-X).
 11. MUHAMMAD YOUSIF MANGI, **IMTIAZ AHMED CHANDIO**, MIR AFTAB HUSSAIN, FAHAD AHMED SHAIKH (2018) Urban Land Use Planning Trend and Sustainable Challenges in Socio-Economic Development, *Mehran University Research Journal of Engineering & Technology*, Volume37, No. 2, 397-404, DOI: 10.22581/muet1982.1803.14 (ESCI, HEC Recognized Journal, Category-X)
 12. M. A. H. TALPUR , **I. A. CHANDIO**, F. BAIG, F. A. SHAIKH, M. NAPIAH (2017) Energy Crisis and Household's Perception about Solar Energy Acceptance: District Hyderabad, Pakistan, *Sindh Univ. Res. Jour. (Sci. Ser.)* Vol.49 (3) 601-604. (ISI Thomson, HEC Recognized Journal, Category-X)
 13. M. A. H. TALPUR , **I. A. CHANDIO**, F. BAIG, T.H.Ali, M. NAPIAH (2017) Comparative Accidental Analysis of N-55 Jamshoro-Manjhand Section, Sindh, Pakistan, *Sindh Univ. Res. Jour. (Sci. Ser.)* Vol.49 (1) 129-132, (ISI Thomson, HEC Recognized Journal, Category-X)
 14. P. N. MAHESAR, **I. A. CHANDIO**, M. A. H. TALPUR, P. I. MEMON (2017) City Planning Indicators for Evaluating the Residential Satisfaction: A Case on Hyderabad, Pakistan, *Sindh Univ. Res. Jour. (Sci. Ser.)* Vol.49(2) 381-386. (ISI Thomson, HEC Recognized Journal, Category-X)
 15. Abdul-Lateef Balogun, Abdul-Nasir Matori, Adekunle Isa Hamid-Mosaku, Dano Umar Lawal &**Imtiaz Ahmed Chandio** (2017), Fuzzy MCDM-based GIS model for subsea oil pipeline route optimization: An integrated approach, *Marine Georesources & Geotechnology*, 1521-0618, (Scopus and ISI, IF= 1.159), Talyor &Francis.
 16. M. A. H. TALPUR, **I. A. CHANDIO**, F. BAIG, F. ABBASI (2016) Physical and Socioeconomic Dwelling Conditions: Identifying Satisfaction Level of Taluka Kotri Residents, Sindh, Pakistan Physical and Socioeconomic Dwelling Conditions: Identifying Satisfaction Level of Taluka Kotri Residents, Sindh, Pakistan *Sindh Univ. Res. Jour. (Sci. Ser.)* Vol. 48 (3) 617-620. (ISI Thomson, HEC Recognized Journal, Category-X)
 17. **CHANDIO**, M. A. H. TALPUR, T. A. QURESHI, I. A. MEMON (2016), Road Accessibility Analysis of Hillside Development Using Geographic Information System, *Sindh Univ. Res. Jour. (Sci. Ser.)* Vol. 48 (2). (ISI Thomson, HEC Recognized Journal, Category-X)
 18. Mir Aftab Hussain Talpur, **Imtiaz Ahmed Chandio**, Irfan Ahmed Memon, Madzlan Napiah and Kashan Hyder Jafri (2016) A Brief Review on the Role of Regional Transport Accessibility in the Development Process of Distant Sub-Regions, *Indian Journal of Science and Technology*, Vol 9(13). Apr-2016; 9(13), DOI: 10.17485/ijst/2016/v9i13/62116. (IF 1.05, ISI Thomson, Scopus, EBSCOhost)

19. Mir Aftab Hussain TALPUR, **Imtiaz Ahmed CHANDIO**, M. S. JUMANI, Madzlan NAPIAH (2016) Planning Information System for Rural Transport Planning Agencies, Sindh University Research Journal (*Sci. Ser.*) Vol. 48 (1) 67-70. (ISI Thomson, HEC Recognized Journal, Category-X)
20. **IMTIAZ AHMED CHANDIO**, MIR AFTAB HUSSAIN TALPUR, AND TAUFIQUE AHMED QURESHI (2016) Integrated GIS-Based Site Selection of Hillside Development for Future Growth of Urban Areas, Mehran University Research Journal of Engineering & Technology, Volume 35, No. 2, DOI: 10.22581/muet1982.1803.14 (ESCI, HEC Recognized Journal, Category-X)
21. Mir Aftab Hussain Talpur, **Imtiaz Ahmed CHANDIO**, M. S. JUMANI, Madzlan NAPIAH (2015) Determining the Standard Rural Population and Household Sample Sizes for Questionnaire Survey Focusing Transport Accessibility, Sindh University Research Journal, (*Sci. Ser.*) Vol. 47 (4) 819-822. (ISI Thomson, HEC Recognized Journal, Category-X)
22. **Imtiaz Ahmed Chandio**, Mir Aftab Hussain Talpur, Fareed Ahmed Memon (2014) Use of Analytic Hierarchy Process Technique for Land-use Analysis, Mehran University Research Journal of Engineering and Technology, Vol-33, No.4, 471-475, DOI: 10.22581/muet1982.1803.14 (ESCI, HEC Recognized Journal, Category-X)
23. Mir Aftab Hussain Talpur, Madzlan Napiah, **Imtiaz Ahmed Chandio (2014)** Computer-Based Database System: Rapid Response for Rural Planning Agencies to Devise Transport Policies, Indian Journal of Science and Technology, Vol 7(10), 1603–1612. (IF 1.05, ISI Thomson, Scopus, EBSCOhost)
24. Mir Aftab Hussain Talpur, Madzlan Napiah, **Imtiaz Ahmed Chandio (2014)** Development of a regional transport policy support system for rural planning agencies in the developing world, Procedia Engineering, Volume, 77, 2 – 10, DOI:10.1016/j.proeng.2014.07.009. (Elsevier, IF = 0.97)
25. **Imtiaz Ahmed Chandio**, A.N Matori, K.Yusof, M. A. Hussain Talpur, M.Aminu (2014) GIS-based land suitability analysis of sustainable hillside development, Procedia Engineering, [Volume 77](#), Pages 87–94, DOI:10.1016/j.proeng.2014.07.009. (Elsevier, IF = 0.97)
26. Shabir Hussain Khahro, Abdul Nasir Matori, **Imtiaz Ahmed Chandio** and Mir Aftab Hussain Talpur (2014) Land suitability analysis for installing new petrol filling stations using GIS, Procedia Engineering Volume 77, 28 – 36, DOI:10.1016/j.proeng.2014.07.009. (Elsevier, IF = 0.97)
27. Mir Aftab Hussain Talpur, Napiah Madzlan, IrfanAhmed, **Imtiaz Ahmed Chandio**, Shabir Hussain (2014) Time-Space Geography: A Creditable Transport Accessibility Measure for Rural Dwellers, Applied Mechanics and Materials, V-567, 763-768, DOI:10.4028/www.scientific.net/AMM.567.763. (IF 0.15, Scopus, EBSCOhost, INSPEC)
28. Irfan Ahmed Memon, Napiah Madzlan, Mir Aftab Hussain Talpur, M. Rehan Hakro, **Imtiaz Ahmed Chandio (2014)**, A Review on the Factors Influencing the Park-and-Ride Traffic Management Method, Applied Mechanics and Materials, V-567, 663-668. DOI:10.4028/www.scientific.net/AMM.567.663. (IF 0.15, Scopus, EBSCOhost, INSPEC)
29. Mir Aftab Hussain Talpur, Madzlan Napiah, **Imtiaz Ahmed Chandio** and Taufiq Ahmed Qureshi An Analysis of Umer Kots' Public Sector Education Facilities: A Deserted Subregion in Southern Pakistan (2014) Research Journal of Applied Sciences, Engineering and Technology 7(9): 1856-1862. (ISI Thomson, Ulrich, Scopus, IF = 0.14)
30. Mir Aftab Hussain Talpur, Madzlan Napiah, **Imtiaz Ahmed Chandio** and Taufiq Ahmed Qureshi (2014) Analyzing Public Sector Education Facilities: A Step Further Towards Accessible Basic Education Institutions in Destitute Subregions, International Education Studies; Vol. 7, No. 4, (ISI Thomson, Ulrich, Scopus, IF = 0.14)
31. **Imtiaz Ahmed Chandio**, Abd Nasir B Matori, Khamaruzaman B WanYusof and Mir Aftab Hussain Talpur (2013) Validation of Multi-Criteria Decision Analysis Model of Land Suitability Analysis for Sustainable Hillside development, European journal of Scientific Research, vol. 109, No.2, Pages.342-349. (IF 0.74, Scopus, ProQuest, Ulrich)

32. Abdul-Lateef Balogun, Abdul-Nasir Matori, Khamaruzaman B Wan Yusof, Dano Umar Lawal, **Imtiaz Ahmed Chandio** (2013) Geographic Information System (GIS) in Offshore Pipeline Route Selection: Past, Present, and Future, *Pensee Journal*, Vol.75, No.9. Scopus Indexed
33. **Imtiaz Ahmed Chandio**, Abd Nasir B Matori, Khamaruzaman B Wan Yusof, Mir Aftab Hussain Talpur, Dano Umar Lawal, Abdul-Latif Balogun (2013) GIS-based Analytic Hierarchy Process as a Multi-Criteria Decision Analysis Instrument: A Review, *Arabian Journal of Geosciences*, Volume 6, Number 8, 3059 – 3066. DOI: 10.1007/s12517-012-0568-8, (INSPEC, Scopus, ISI, IF=1.17) Springer.
34. Mir Aftab Hussain Talpur, Madzlan Napiyah, **Imtiaz Ahmed Chandio**, Taufique Ahmed Qureshi and Sadaf Qasim (2013) Evaluation of Public Sector Health Facilities within the Context of Deprived Regions of Developing World, *European Journal of Scientific Research*, Volume-106, No.1 (IF 0.74, Scopus, ProQuest, Ulrich)
35. Mansir Aminu, Ahmad Nazri Bin Muhamad Ludin, Abdul-Nasir Matori, Khamaruzaman Wan Yusof, Lawal Umar Dano, **Imtiaz Ahmed Chandio** (2013) A Spatial Decision Support System for Sustainable Tourism Planning in Johor Ramsar sites, Malaysia, *Environmental Earth Sciences*, DOI 10.1007/s12665-012-2198-6. (Springer), 2.180 IF
36. **Imtiaz Ahmed Chandio**, Abd Nasir B. Matori, Khamaruzaman B. Wan Yusof, Mir Aftab Hussain Talpur, Shabir Hussain Khahro and Munirah Radin Mohd Mokhtar (2012) Computer Application in Routing of Road using Least-cost path Analysis in Hillside Development, *Research Journal of Environmental and Earth Sciences*, 4(10): 907-911. (ISI Thomson, CAS, DOAJ)
37. Mir Aftab Hussain Talpur, Madzlan Napiyah, **Imtiaz Ahmed Chandio** & Shabir Hussain Khahro (2012) Transportation Planning Survey Methodologies for the Proposed Study of Physical and Socio-economic Development of Deprived Rural Regions: A Review, *Modern Applied Science*, Vol. 6, No.7. pp. 1-16. DOI:10.5539/mas.v6n7p1. (Scopus, EBSCOhost, Ulrich, IF = 0.202)
38. **Imtiaz Ahmed Chandio**, Mir Aftab Hussain Talpur, Shabir Hussain Khahro (2012) Problems of boarding students at Universiti Teknologi Malaysia (UTM), Malaysia: A case study, *Research Journal of Applied Sciences, Engineering and Technology*, Vol. 4, issue 18, 3391-3398. (ISI Thomson, Ulrich, Scopus, IF = 0.14)
39. **Imtiaz Ahmed Chandio**, Abdul-Nasir Matori, Dano Umar Lawal, Soheil Sabri (2011) Integrating Geographic Information System (GIS) and Analytic Hierarchy Process (AHP) in public parks planning in Larkana city, *Modern Applied Science*, Vol. 5, No. 4. P.p.177-189. Scopus and Ulrich's Indexed, 0.202 IF
40. **Imtiaz Ahmed Chandio**, Abdul-Nasir Matori, Dano Umar Lawal (2011) GIS-based Accessibility Analysis Using Suitable Land for Public Parks in Larkana City Pakistan, *Research Journal of Applied Sciences, Engineering and Technology* 3(6): 553-557. (ISI Thomson, Ulrich, Scopus, IF = 0.14)
41. Mir Aftab Hussain Talpur, Madzlan Napiyah, **Imtiaz Ahmed Chandio** and Shabir Hussain Khahro (2013) Research Framework focusing Transportation Accessibility Planning, Computer based Model and Transportation Policy Outlines for Remote Regions of Developing World, *Research Journal of Environmental and Earth Sciences*, Vol. 5, (01): 32-40. (ISI Thomson, CAS, DOAJ)
42. Dano Umar Lawal, Abdul Nasir b Matori, Ahmed Mustafa Hashim, **Imtiaz Ahmed Chandio**, Soheil Sabri, Abdul-Lateef Balogun, Haruna Ahmed Abba (2011) Geographic Information System and Remote Sensing Applications in Flood Hazards Management: A Review, *Research Journal of Applied Sciences, Engineering and Technology*, Vol. 3, Issue: 9, 933-947. (Scopus ISI, EMBASE and Ulrich's Indexed, IF=0.14)
43. **Imtiaz Ahmed Chandio**, Abd Nasir Matori, Taufique Ahmed Qureshi, Dano Umar Lawal (2011), Built Environmental Rehabilitation Of Ghari Khuda Bux Bhutto Town and Model Town Planning,

International Journal of Chemical and Environmental Engineering, Vol. 2, No.3, Pages. 205-212, (EBSCO, CAS and Ulrich)

44. **Imtiaz Ahmed Chandio**, AbdNasir B Matori (2011) GIS-based Multi-Criteria Decision Analysis of Land suitability for Hillside Development, International Journal of Environmental Science and Development, IJESD, Vol. 2, No.6, 2011.EBSCO, ProQuest and Ulrich's.
45. **Imtiaz Ahmed Chandio**, Khan Muhammad Brohi, Muhammad Ali Memon (2010) Managing Road Traffic Noise Pollution, through Sustainable Planning approach, International Journal of Chemical and Environmental Engineering, Vol. 1, No.2, Pages, 117-121. EBSCO, CAS and Ulrich's
46. Munirah Radin Mohd Mokhtar, Abdul Nasir Matori, Hj Khamaruzaman Hj Wan Yusof, Imtiaz Ahmed Chandio, Duong Tuan Viet, Dano Umar Lawal, A Study of Unmanned Aerial Vehicle Photogrammetry for Environment Mapping: Preliminary Observation, Advanced Materials Research (Volume 626), 626, 440. DOI:10.4028/www.scientific.net/AMM.567.763. (IF 0.15, Scopus, EBSCOhost, INSPEC)
47. **Imtiaz Ahmed Chandio**, Khan Mohammad Brohi (2009) Critical Study of Road Traffic Noise and land-uses of Larkana city, Romanian Journal of Acoustics and Vibration, Vol-VI, issue 2, Pages. 59-63. Scopus, EBSCO, Ulrich's Indexed

CONFERENCES

1. Shahbaz Khan Samoo, Mir Aftab Hussain Talpur, Imtiaz Ahmed Chandio, An Intensive Approach to Regenerate Brownfield sites: An Example from the Sukkur City Industrial Areas, Sindh, Pakistan, 1st National Conference on Environmental Engineering and Management, 13th- 14th April, 2016, Mehran University of Engineering and Technology, Jamhoro, Pakistan.
2. Pirah Noor, **Imtiaz Ahmed Chandio** and Mir Aftab Hussain Talpur (2016), Impacts of Inaccessible and poor Public Transportation System on urban Environment, 1st International Conference on Chemical Engineering and Exhibition 14th- 16th January 2016, Mehran University of Engineering and Technology, Jamhoro, Pakistan
3. Noman Sahito, **Imtiaz Ahmed Chandio** and Mir Aftab Hussain Talpur (2016), Study of urban Transportation and Its Effects of Quality of Urban Environment Services, 1st International Conference on Chemical Engineering and Exhibition 14th- 16th January 2016, Mehran University of Engineering and Technology, Jamhoro, Pakistan
4. **Imtiaz Ahmed Chandio** (2015), Spatial Multi-Criteria for Land Suitability of Sustainable Hillside Development: A case study of Penang Island, The Sixth "21st Century Urban Development" International Conference dated 30-31 October 2015 at HUST, Wuhan, China
5. **Imtiaz Ahmed Chandio**, Taufique Ahmed Qureshi, Mir Aftab Hussain Talpur and Muhammad Masood Sheikh (2014) Analysis of Emerging Urban sprawl Trends and its Impact on

Environment, International Conference on Town Planning and Urban Management (ICTPUM'14), UET, Lahore, Pakistan.

6. **Imtiaz Ahmed Chandio**, Abd Nasir B Matori , Mir Aftab Hussain Talpur(2014) Integrated GIS-based Site selection of Hillside Development for Future Growth of Urban Areas, 3rd International Conference on Energy, Environment and Sustainable Development 22-24 October (EESD'14), Mehran UET Jamshoro, Pakistan.
7. **Imtiaz Ahmed Chandio** , Abd Nasir B Matori ,Khamaruzaman B WanYusof , Mir Aftab Hussain Talpur, Munirah Mohd Mokhtar, Spatial Multi-Criteria Decision Making Approach for Land Suitability of Hillside Development,IEEE Symposium on Business, Engineering and Industrial Applications (ISBEIA), 22-24 September (2013). Kuching, Malaysia.
8. Mir Aftab Hussain Talpur, Madzlan Napiah, **Imtiaz Ahmed Chandio**, Shabir Hussain Kharo, Transportation Policy Tool for Timely Implementation of Planning Proposals in Rural Regions of Developing Countries, IEEE Symposium on Business, Engineering and Industrial Applications (ISBEIA), 22-24 September (2013), Kuching, Malaysia.
9. Shabir Hussain Kharo, Abdul Nasir Matori, **Imtiaz Ahmed Chandio**, EIA-based GIS Land Suitability Modeling Using Multi Criteria Decision Making Approach: A Framework, IEEE Symposium on Business, Engineering and Industrial Applications (ISBEIA), 22-24 September (2013), Kuching, Malaysia.
10. Munirah Mohd Mokhtar, Abdul Nasir Matori, Khamaruzaman Wan yusof, Abdul Mutalib Embong, Dano Lawal Umur, **Imtiaz Ahmed Chandio**, Ikhwan, Assessment of Ground Control Point Images Acquisition in Close Range Photogrammetry, IEEE Symposium on Business, Engineering and Industrial Applications (ISBEIA), 22-24 September (2013), Kuching, Malaysia.
11. Munirah Mohd Mokhtar, Abd Nasir B Matori, Khamaruzaman B Wan Yusof, Abdul Mutalib Embong, Dano Umur Lawal, **Imtiaz Ahmed Chandio**, Observing Land slide occurrence by GIS Approach, Control and System Graduate Research Colloquium (ICSGRC), IEEE, Page(s): 21 – 26, 19-20 August, Shah Alam, Malaysia 2013.
12. **Imtiaz Ahmed Chandio**, Abd Nasir B Matori, Khamaruzaman B Wan Yusof, Mir Aftab Hussain Talpur, Munirah Mohd Mokhtar, MultiCriteria Decision Making Approach for Land Suitability of Hillside Development, Annual Postgraduate Conference (APC), 3-5 July 2013, UTP Campus, Malaysia.
13. Abdul-Lateef BALOGUN, Abdul Nasir Matori, Yusof Khamaruzaman, Dano Umar LAWAL, **Imtiaz Ahmed CHANDIO**, Surveying Profession in Nigeria: Stimulating interest and

encouraging youth participation for future sustainability, FIG Young Surveyors Conference - Workshop 1.1,6178, 4-5 May 2012, Rome, Italy.

14. Dano Umar Lawal¹, Abdul-Nasir Matori, Ahmad Mustafa Hashim, Khamaruzaman Wan Yusof, **Imtiaz Ahmed Chandio**, Detecting Flood Susceptible areas Using GIS-based Analytical Hierarchy Process, *International Conference on Future Environment and Energy, IPCBEE vol.28, 26-28 February(2012) IACSIT Press, Singapore.*
15. Abdul-Lateef Balogun, Abdul-Nasir Matori, Dano Umar Lawal and **Imtiaz Chandio**, Optimal Oil Pipeline Route Selection using GIS: Community Participation in Weight derivation and Disaster Mitigation, *International Conference on Future Environment and Energy, IPCBEE vol.28, 26-28 February (2012) IACSIT Press, Singapore.*
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