PERSONAL INFORMATION:

Full Name: Hamidreza Kamyab

Nationality: IRAN

Academic Level: Assistant professor

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EDUCATION:

- Ph.D, Environmental Sciences (Land Evaluation and Land Use Planning), Department of Environmental Sciences, Faculty of Fisheries and Environmental Sciences, Gorgan University of Agricultural Sciences and Natural Resources, Gorgan, Golestan.

- M.Sc. Environmental Engineering, Department of Environmental Sciences, Faculty of Natural Resources, Tarbiat Modares University (TMU), Tehran, Iran

- B.Sc. Environmental Sciences, Department of Environmental Science, Faculty of Natural Resources, Shahid Chamran University, Khuzestan, Iran

RESEARCH INTEREST:

- Land use change modeling
- Land allocation optimization
- Criteria for possibility investigation and site selection
- Environmental Impact Assessment

PUBLICATION:

Books:

- Applied Remote Sensing and GIS with IDRISI (Translation)

- An Introduction to Urban Growth Modeling and its Applicatons

- Arcgis for Environmental and Water Issues

Papers:

- Modeling the urban growth effects on the change of landscape structure in the Gorgan city Area (ECOPERSIA, 2013, 1(2), 131-143).

- LAGA: A Software for Landscape Allocation using Genetic Algorithm (International Journal of Environmental Resources Research)

- Evaluating the strategy decentralized land-use planning in a developing region (Land use Policy)

- Deforestation modeling using logistic regression and artificial neural network in Golestan province, Iran (International Geoinformatics Research and Development Journal)

- Tempo-spatial patterns of landscape changes and urban development (Case study: Gorgan) (Journal of Rs and Gis for natural Resources)

- A Comparison of Simulated Annealing (SA) and Multi Objective Land Allocation (MOLA) for Solving the Problem of Multi-Objective Land Allocation (Iranian Journal of Applied Ecology)

- A Genetic Algorithm Enhancement of MOLA Approach Using Landscape Metrics (Town And Country Planning)

- Comparison of spatial resolution of LandSat and SPOT satellite images in measuring landscape fragmentation (Journal of Rs and Gis for natural Resources)

- A Knowledge-Based Approach to Urban Growth Modeling in Gorgan City Using Logistic Regression (Journal of Environmental Studies)

- Using Neural Network for Urban Growth Modeling (Case Study: Gorgan City) (Human Geography Research Quarterly)

- Determination of coefficient affecting urban growth in SLEUTH model for Ali Abad, ramiyan and Azadshahr regions (Geographical Planning of Space Quarterly Journal)

- Comparison of Ecosystem- Based Land Allocation Using Genetic Algorithm and MOLA (Environmental Researches)

- The impact of land use/land cover change on ecosystem services in Golestan Province (Environmental Sciences)

ACADEMIC TEACHING EXPERIENCE:

(Ph.D, M.Sc, B.Sc):

Land use Planning
Geographic Information System (GIS)
Remote Sensing
Environmental Impact Assessment (EIA)
Conservation Biology
Landscape Ecology
Ecosysten Services Valuation

LANGUAGES: Persian, English