

## **Spatial Analysis of Women Equalities and Women's Empowerment in Egypt**

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### **Abstract**

Women equalities and women's empowerment are one of the Millennium Development Goals (MDG's) and the main concerns for many national and international organizations. Gender equality as one of the main human rights, implies a society in which women and men enjoy the same opportunities, outcomes, rights and obligations in all spheres of life, including equal opportunities for access to education, financial independence, politics influences and reproductive health. Women's empowerment in all previous issues is vital to sustainable development and the realization of human rights for all. In this study I apply modern visualization methods, spatial analysis and graph on both country level and governorates level to address the progress of women equalities and women's empowerment in education, work, health and political influences by using different sources of data and indicators such as Census of Population Housing and Establishments (CPHE), Labour force surveys and others. Using visualization methods helps government and decision makers to visually recognize the priorities of governorates and sectors which need more attention for women's empowerment.

**Key Words:** Data Visualization, Demographic, GIS, Official Statistics.