

Evaluating the Environmental Impact of the Hoankiem Lake with Focus on Urban Development Planning by Using a DPSIR Framework.

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SUMMARY

In recent year, the Government of Hanoi has built/promulgated many management policies on environment and urban development planning and increased investment for sustainable development. However, we are still facing/addressing the conflicts of environment associated with urban development planning such as the land-use change and its impact to people living in ancient streets around the HoanKiem lake. The obtained result, established by a DPSIR framework, can be used to evaluate the environmental impacts with focus on urban development planning, and as well as supported to policy makers for ‘good urban governance’. These indicators are divided into 5 groups such as Driving forces, Pressures, States, Impacts, and Responses. Major findings were formed by multiplying the weighed indexes, so the Governance of Hanoi should promulgate and execute legal documents of urban environmental prevention, and command/control waste water sewage by using economic instrument, and encourage the administrative/tourist buildings for applying the system of ISO 14000 in the attempt of saving energy and conserving cultural resources for sustainable urban development.

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