

A comprehensive roadside program must integrate multiple issues referring to the beautification of the surroundings, protection of soil and water, protection of rare plants, and provisions for wildlife. The decision-making and quality management process for roadside vegetation planting and maintenance should integrally include the knowledge of plant ecology, the methods of construction and maintenance, governmental or prefecture regulations, the needs of highway users, and technology developments.

Planting guidelines have to be prepared by the Greek Ministry of Public Works. They must be based on assumptions and recommendations taking into account that roadside vegetation should be designed or maintained to accomplish specific goals of sight-distance, clear view of obstructions, erosion control, and aesthetics, plants must not be planted where they may obstruct any signs, sightlines, or driver visibility, plant use in intersection areas must be limited to low-growing varieties, plants must not be placed near merging lanes, landscape improvements must avoid the creation of unsafe conditions for motorists or maintenance personnel.

REFERENCES

- [1] Center for Urban Transportation Research (CUTR), "Landscaping of highway medians at intersections," Project No. BDK84 977-19. Final Report. University of South Florida, Tampa. 90 p., 2013.
- [2] V. Singh, "Road development and management with reference to pollution," *International Journal of Geology, Earth and Environmental Sciences (JGEE)*, vol. 3, No. 1, pp. 23-28, 2013.
- [3] G. Kollaros, and A. Athanasopoulou, "Roadside improvements to mitigate traffic noise," 4th International CEMEPE & SECOTOX Conference, Mykonos Island, Greece, Department of Planning and Regional Development University of Thessaly, Volos, pp. 910-915, 2013.
- [4] S.R. Kumar, T. Arumugam, C.R. Anandakumar, S. Balakrishnan and D.S. Rajavel, "Use of plant species in controlling environmental pollution - A review," *Bull. Env. Pharmacol. Life Sci.*, vol. 2, No. 2, pp. 52-63, 2013.
- [5] F. Zhang, X. Yan, C. Zeng, M. Zhang, S. Shestra, L.P. Devkota and T. Yao, "Influence of traffic activity on heavy metal concentrations of roadside farmland soil in mountainous areas," *Int. J. Environ. Res. Public Health*, vol. 9, No. 5, pp. 1715-1731, 2012.
- [6] V. Garzón-Machado, R. Otto and M.J. del Arco Aguilar, "Bioclimatic and vegetation mapping of a topographically complex oceanic island applying different interpolation techniques," *Int J Biometeorol*, vol. 58, No. 5, pp. 887-899, 2014.
- [7] S.C. Sharma and R.K. Roy, "Bioremediation of urban environmental pollution by ornamentals," *EnviroNews - Newsletter of ISEB India*, vol. 5, No. 4, 1 p., 1999.
- [8] J.N. Georgi and D. Dimitriou, "The contribution of urban green spaces to the improvement of the environment in cities: Case study of Chania, Greece," *Building and Environment*. vol. 45 No. 6, pp. 1401-1414, 2010.
- [9] NCHRP Report 650, "Median intersection design for rural high-speed divided highways", Transportation Research Board, National Research Council, National Academy Press, Washington, DC. 167 p., 2010.
- [10] D.R. Greenway, "Vegetation and slope stability". In *Slope stability – Geotechnical engineering and geomorphology* (eds M.G. Anderson and K.S. Richards), Wiley and Sons Ltd, Chichester, UK, pp. 187-230, 1987.
- [11] G. Eason, B. Noble, and I.N. Sneddon, "On certain integrals of Lipschitz-Hankel type involving products of Bessel functions," *Phil. Trans. Roy. Soc. London*, vol. A247, pp. 529-551, April 1955. (*references*)
- [12] J. Clerk Maxwell, *A Treatise on Electricity and Magnetism*, 3rd ed., vol. 2. Oxford: Clarendon, 1892, pp.68-73.
- [13] I.S. Jacobs and C.P. Bean, "Fine particles, thin films and exchange anisotropy," in *Magnetism*, vol. III, G.T. Rado and H. Suhl, Eds. New York: Academic, 1963, pp. 271-350.
- [14] R. Nicole, "Title of paper with only first word capitalized," *J. Name Stand. Abbrev.*, in press.
- [15] Y. Yorozu, M. Hirano, K. Oka, and Y. Tagawa, "Electron spectroscopy studies on magneto-optical media and plastic substrate interface," *IEEE Transl. J. Magn. Japan*, vol. 2, pp. 740-741, August 1987 [Digests 9th Annual Conf. Magnetics Japan, p. 301, 1982].
- [16] M. Young, *The Technical Writer's Handbook*. Mill Valley, CA: University Science, 1989.