

苏格兰农业非点源污染管理措施评述及启示

王秀英, 王晓燕

首都师范大学资源环境与旅游学院

Comment and Implication of Agricultural Non-Point Source Pollution Control Practices in Scotland

WANG Xiu-Ying, WANG Xiao-Yan

College of Resources, Environment & Tourism, Capital Normal University

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摘要 农业是苏格兰非点源污染的主要来源,也是苏格兰水体污染的主要原因。介绍了苏格兰农业非点源污染的管理措施,包括:制定治理农业非点源污染的法律法规,并实施财政补贴的经济措施,以激励农场主采取科学的生产方式;通过修建人工湿地、缓冲带等技术措施减少农业非点源污染的影响,从而使河流水质得到提高。最后,探讨了对于苏格兰控制农业非点源污染的管理措施,中国可借鉴的经验,指出中国可从立法、经济措施、技术措施等方面完善农业非点源污染的管理,保护水环境。

关键词: 苏格兰 农业非点源污染 管理措施 启示

Abstract: Agriculture is an important non-point source pollution, and a major contributor to water pollution in Scotland. In order to protect its water environment, Scotland has carried out a series of management practices, including formulation of regulations, implementation of economic policies like financial subsidies, encouragement of farmers to use scientific production methods, and adoption of technical measures, like building up wetlands and buffer strips, to reduce the impacts of agricultural non-point sources pollution. As a result, water quality in rivers has greatly been improved. The management practices Scotland has in controlling agricultural non-point source pollution were discussed, and the experience that China should take as reference were been pointed out. China may improve its management on controlling of agricultural non-point source pollution and protecting of its water environment by means of legislation, economic policies and technical measures.

Keywords: Scotland agricultural non-point source pollution management practice implication

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Corresponding Authors: 王晓燕 首都师范大学资源环境与旅游学院 Email: cnuwxy@sohu.com

About author: 王秀英(1978-),女,山东德州人,博士生,主要从事环境管理方面的研究。E-mail: wangxiuying@163.com

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