

国家材料环境腐蚀平台共享服务实践探析

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摘要: 国家材料环境腐蚀野外科学观测研究平台是我国自然环境中材料(制品)腐蚀数据长期积累和实施基础性试验研究的基地,是国家科技基础条件平台的重要组成部分。该平台通过持续开展黑色金属、有色金属、建筑材料、涂层材料、高分子材料等典型材料及构件的环境试验研究及数据积累,为钢铁、机械、航空、航天、船舶、石油、电力、交通等行业领域上千家单位提供了持续的科技支撑服务,显著提高了科技资源使用效率和共享服务能力。文章首先阐述了该平台的实践及其取得的成效,然后分析平台在开展共享服务实践中存在的问题,最后针对问题提出了相关的建议。

关键词: 科技平台;材料腐蚀;野外试验站;数据积累;共享服务

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Practice Analysis about the Sharing Service of National Materials Environmental Corrosion Platform

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Abstract: National Materials Environmental Corrosion Platform is the base of corrosion data long-time accumulation and basic experiment research for our country's nature environment material (products), and is important constituent part of national science and technology basic platform. The platform provides environment experiment research and data accumulation in continuation for typical material and component of ferrous metals, nonferrous metals, building materials, coating materials and polymer materials et al., and constant science and technology supporting service, including steel, machinery, aviation, aerospace, ships, oil and gas, electric power and transportation, and heightens markedly science and technology resource apply efficiency and sharing service capability. In this paper, it firstly elaborates the platform practice and its effect, then analyzes existent problems of sharing service in it, and finally puts out relevant suggestions of aiming at problem.

Keywords: science and technology platform, materials corrosion, field test stations, data accumulation, share services

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