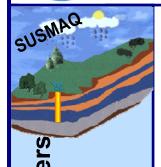


Palestinian National Authority Palestinian Water Authority



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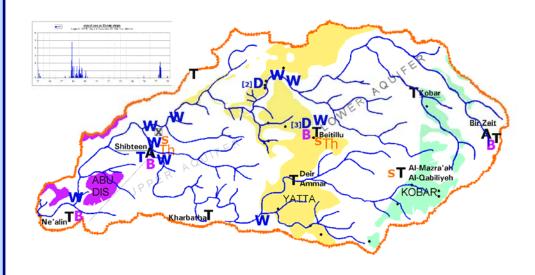


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Purchase and installation of field measurement equipment for Wadi Natuf recharge assessment study



Final Report SUSMAQ-NAT # 68 V 0.1

> Prepared by: **SUSMAQ TEAM**

Palestinian Water Authority, Palestine Water Resource Systems Research Laboratory University of Newcastle upon Tyne, UK

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Disclaimer

This report is an output from the Natuf Recharge Estimation Component, part of the SUSMAQ project.

The findings, interpretations and conclusions expressed are those of the authors (the team) and should not be attributed to other collaborators on the SUSMAQ project.

The project does not guarantee the accuracy of the data included in this publication. Information shown in maps, figures, tables and the text does not imply any judgment on legal status of territory or the endorsement of boundaries. The typescript of this paper has not been prepared in accordance with procedures appropriate to formal printed texts, and the partners and funding agency accept no responsibility for errors.

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The SUSMAQ Project

The aim of the project is to increase understanding of the sustainable yield of the West Bank and Gaza aquifers under a range of future economic, demographic and land use scenarios, and evaluate alternative groundwater management options. The project is interdisciplinary, bringing together hydrogeologists and groundwater modellers with economists and policy experts. In this way, hydrogeological understanding can inform, and be informed by, insights from the social sciences. The results of the study will provide support to decision-making at all levels in relation to the sustainable yield of the West Bank and Gaza aquifers.

The project runs from November 1999 to October 2004, and is a partnership between the Palestinian Water Authority, University of Newcastle and British Geological Survey. The project is funded by the United Kingdom's Department for International Development (DFID)

Recharge estimation in Wadi Natuf

The Recharge estimation in Wadi Natuf catchment area is part of the SUSMAQ project.

The recharge assessment focuses on a catchment east of Birzeit down to the Green Line. It aims to get a better understanding of the mechanisms that control recharge and its quantities.

Primary data have to be produced, covering meteorological data such as rainfall and evaporation, surface water data such as run-off, groundwater data such as spring discharge, water levels and water quality of surface and groundwater and other hydrogeological data such as karst features, aquifer characteristics and vulnerability.

Bibliographical Reference

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Feedback

The SUSMAQ and PWA teams will appreciate any feedback on this report. Feedback should be sent to the above contacts.



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