







Technical Report No. L-17 December 2010

Somalia Water and Land Information Management
Ngecha Road, Lake View. P.O Box 30470-00100, Nairobi, Kenya.
Tel +254 020 4000300 - Fax +254 020 4000333,
Email: enquiries@faoswalim.org Website: http://www.faoswalim.org.





The designations employed and the presentation of material in this information product do not imply the expression of any opinion whatsoever on the part of the Food and Agriculture Organization of the United Nations and the SWALIM Project concerning the legal status of any country, territory, city or area of its authorities, or concerning the delimitation of its frontiers or boundaries..



This document should be cited as follows:

Mumuli, S. O, Alim, M. and Oduori, G., 2010. Inventory of Irrigated Agricultural Areas in Puntland, Somalia. FAO-SWALIM. Project Report No. L-17. Nairobi, Kenya.

Table of Contents

| Acknowledgements | 4 |
|--|------|
| Background | 5 |
| General | 5 |
| Objectives | 6 |
| The Study Area | |
| The land use systems map for Puntland | 9 |
| Methods | 12 |
| Bibliographic research | |
| Field survey preparations | |
| Irrigated agricultural farming activity characterisation field surve | y 13 |
| Data input and analysis | 14 |
| Irrigated agricultural farming activity characterisation | |
| Irrigated agricultural farms mapping | 15 |
| Results | 40 |
| | |
| Maps of the irrigated agricultural areas in Puntland | |
| The irrigated farms size by districtSource of water, land improvement, type of input and level of in | |
| Crops grown, pattern of cropping, field size, destination of crop p | • |
| condition of crops and limitations to agricultural production | |
| Agronomic practices, farm training, constraints/threats and oppo | |
| to agricultural production | |
| Livestock type, number and health, enclosures, forage, water so | |
| constraints and opportunities to livestock production | |
| Water source and yield | 30 |
| | |
| Discussions and conclusions | 31 |
| Challenges | 32 |
| Bibliography | 33 |
| | |
| Annexes | 35 |

Acknowledgements

The authors wish to thank the SWALIM liaison office staff, Osman Abdulle and Abdimalik Jama, in Garowe and the field surveyors from Puntland, Ali Ahmed Omar, Suleiman Jama Farah and Abdullahi Haji Mohamoud, for tirelessly carrying out the field observations in the harsh conditions. The effort put in by the interns, Elsi Okhoba and Linda Nakhulo to automate all the field data is also highly acknowledged. Lastly, the authors wish to acknowledge the considerable support, drive and motivation given by the SWALIM Chief Technical Adviser, CTA, Dr. Zoltan Balint. This document would not have been compiled were it not for the wise leadership of Zoltan.

