
Participatory Approach For Improvements In Spate Irrigation Systems English Edition By Giulio Castelli

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a participatory design approach for modernization of spate

May 10th, 2020 - spate irrigation represents the main source of livelihood for rural population of many munities living in arid and semi arid areas of the world

the area of raya valley ethiopia is one such 'library
spate irrigation

May 19th, 2020 - title participatory approach for
improvements in spate irrigation systems author giulio
castelli type msc thesis year 2014 description the
purpose of this study has been to develop and test a
participatory framework for selection and design of
effective improvements in spate systems in raya valley
ethiopia'

*'poverty profiles and nutritional outes of using spate
October 27th, 2019 - the severity of food poverty of
users and non users of spate irrigation was 0 4 and 0 6
respectively the differences are statistically
significant as reported in table 5 the use of modernized*

spate irrigation resulted in a significant reduction in household poverty levels pared to the use of traditional spate irrigation schemes table'

'soil and water management in spate irrigation systems in

May 27th, 2020 - 2 4 making the traditional spate

irrigation system more sustainable 23 2 5 references 23

chapter 3 participatory rural appraisal of spate

irrigation system 25 3 1 introduction 27 3 2 pra

techniques 29 3 2 1 techniques focusing on spatial

aspects of the spate irrigation system 29 3 2 2

techniques focusing on development trends 30 3 2

3' **'wageningen 2014 spate irrigation**

May 25th, 2020 - participatory approach for improvements

in spate irrigation systems groundwater modeling and

optimization of irrigation water use efficiency to sustain irrigation in kobo valley ethiopia mesquite tree infestation on gash spate irrigation system the promise of flood based farming systems'

'participatory rural appraisal for diagnostic analysis of December 11th, 2019 - the aim of this research was to develop a participatory diagnostic analysis da for a traditional non modernised spate irrigation system in raya valley in order to involve local farmers within the development process and to build a solid knowledge basis for effective improvements a participatory rural appraisal pra of the harosha spate''water right and rules and management in spate irrigation

March 30th, 2020 - spate irrigation is a system of harvesting and managing flood water in spate irrigation flood water is emitted from wadis ephemeral streams and diverted to fields using earthen or concrete'

'a participatory design approach for modernization of spate

April 24th, 2020 - a participatory design approach for modernization of spate irrigation systems 1 introduction spate irrigation is an ancient and plex form of water management based on the diversion of water 2 evolution of spate irrigation in raya valley the first modernised spate system in raya valley was''**participatory rural appraisal for diagnostic analysis of**

May 6th, 2020 - the aim of this research was to develop a

participatory diagnostic analysis da for a traditional non modernised spate irrigation system in raya valley in order to involve local farmers within the development process and to build a solid knowledge basis for effective improvements a participatory rural appraisal pra of the harosha spate'

'spate irrigation

May 15th, 2020 - spate irrigation'

'participatory irrigation management understanding the
November 19th, 2019 - to improve efficiency and equity of water distribution in public irrigation systems the participatory irrigation management is considered as an appropriate mechanism'**'48098 002 balochistan water resources development sector**

May 27th, 2020 - the proposed balochistan water resources development project is located in the zhob and mula river basins in the balochistan the project impact will be the increased farm ine in the project area the project oute will be the increased agricultural production the project outputs will be i irrigation infrastructure and watershed protection constructed and''participatory approach for **improvements in spate**

May 24th, 2020 - participatory approach for improvements in spate irrigation systems giulio castelli msc candidate university of florence wageningen march the 13th 2014''**improvements in irrigation ag professional**

May 29th, 2020 - irrigation improvements are the biggest potential for improved water management for crop

production because there are hundreds of thousands of inefficient irrigation systems being used in the u s and around the world in general subsurface drip irrigation sdi is the most efficient for water use more efficient than sprinkler pivot irrigation'

'newsletters spate irrigation

May 24th, 2020 - participatory approach for improvements in spate irrigation systems msc study newsletter spate irrigation network december 1 2014 dear spate friends we hope that you are doing fine there are 2 things we like to inform you about first our water harvesting from roads program' 'participatory irrigation management
April 1st, 2020 - participatory irrigation management

asia s population is expected to reach 5 billion by 2050 with an of irrigation improvements as in the case of the farmers the participatory approach to operations and maintenance o amp m is a viable and effective option for'

'participatory rural appraisal for diagnostic analysis of

May 16th, 2020 - aim of this research was to develop a participatory diagnostic analysis da for a traditional non modernised spate irrigationsystem in raya valley in orderto involvelocal farmerswithin the developmentprocess and to build a solid knowledge basis for e?ective improvements a participatory rural appraisal pra of the harosha spate irrigation'

'a participatory and practical irrigation scheduling in

May 10th, 2020 - a participatory procedure that included local farmers and extension agents opinions in bination with a method published by fao brouwer et al 1989 and hargreaves equation hargreaves and samani 1985 were used for this study the fao approach requires limited data and the procedures to be followed are easy for local extension agents'

participatory irrigation management schemes narmada

June 1st, 2020 - physical improvement is only a part of the solution the state government has decided to cover maximum possible mand area under participatory irrigation management to ensure that irrigation water is distributed efficiently and equitably in the mand area and that it be used efficiently through participatory irrigation

management pim' 'a participatory design approach for modernization of spate

May 25th, 2020 - spate irrigation represents the main source of livelihood for rural population of many munities living in arid and semi arid areas of the world the area of raya valley ethiopia is one such example that is used here to analyse the importance of participatory approach in making this irrigation technique sustainable effective and durable''spate irrigation systems introduction to spate irrigation

May 22nd, 2020 - as spate irrigation uses seasonal floods for irrigation it is akin but different from two other categories of flood based irrigation systems i e inundation canals that start to flow as soon as the flood

in a perennial river reaches a certain level or flood rise or recession irrigation where a rising perennial river overtops its banks and''participatory rural appraisal of spate irrigation systems

March 25th, 2020 - key words participatory rural appraisal sheeb area spate irrigation system mehretab tesfai is lecturer in soil sciences at the college of agriculture of the university of asmara in eritrea'

'independent evaluation group world bank

May 1st, 2020 - i ensure sustainable and efficient water conveyance distribution and use in the two spate irrigation schemes of tuban and zabid through a rehabilitation and b participatory irrigation management

pim and ii increase agricultural productivity and rural
ines through implementation of an intensive demonstration
program'

'od154 improving munity spate irrigation rell 0

April 6th, 2020 - improving munity spate irrigation od
154 iii r 1 0 abcd summary improving munity spate
irrigation p lawrence dr f van steenbergen report od 154
february 2005 spate irrigation is an ancient form of
water management involving the diversion of flashy spate
floods running off from mountainous catchments using
simple deflectors of bunds''**design development of spate
irrigation structures in raya**

May 24th, 2020 - for spate irrigation development

currently the cultivated areas under spate irrigation estimates to be 140 000 ha of which 20 000 ha is modern spate irrigation and 70 000 ha still need improvements and other 50 000 ha are under design and construction phases van steenbergen et al 2011 keywords spate irrigation sedimentation design' '*spate irrigation systems spate engineering*

June 2nd, 2020 - spate engineering spate irrigation systems are based on floods and related phenomena which makes them very different from normal irrigation practices design considerations that apply to other irrigation systems do not apply to them'

'yemen irrigation improvement project english the

*May 23rd, 2020 - yemen irrigation improvement project
english abstract the irrigation improvement project is
the first phase of the country s program to ensure
sustainable water resources management in seven main
spate irrigation schemes in yemen and improve agriculture
productivity and small holder ine in these areas'*

**'toward better institutional setup in spate irrigation
March 13th, 2020 - the yandafero spate irrigation system
both traditional and modern has experienced munity
floodwater management for the last 25 amp nbsp years
however most of the intakes were severely damaged by high
flood the weak relationship between governmental
anization and water users absence of policy and**

**institutional structure for operation and maintenance
result conflicts on water sharing at'**

'guidelines on food and agriculture organization
May 22nd, 2020 - interaction between spate irrigation and
groundwater 201 groundwater recharge 201 groundwater use
in spate schemes 202 water storage and dams 203 11
remendations for interventions in spate irrigation 205
introduction 205 learn from past experience 205
development approach 207 place spate irrigation within a
broader development context 207'

'presentazione standard di powerpoint unifi
May 19th, 2020 - participatory approach for improvements
in spate irrigation systems giulio castelli 2014 etiopia

identifying suitable sites for underground dams using gis
technology a case study in north east brazil beatrice
laurita 2016 integration of gis techniques with local
knowledge in selection of suitable sites'

'mekelle university water harvesting lab

May 27th, 2020 - mekelle university water harvesting lab
the past the present and the way forward firenze 4 april
2019 2014 giulio castelli italy gt ethiopia ethiopia gt
italy master thesis participatory approach for
improvements in spate irrigation systems 1 paper isi was
1 paper scopus 2014 giulio castelli italy gt ethiopia
ethiopia gt italy aster thesis'

'spate irrigation

May 18th, 2020 - spate irrigation from the english word spate meaning a a flood or inundation b a river flooding its banks uses seasonal floods of rivers streams ponds and lakes to fill water storage canals if irrigation is the manipulation of water for use in growing crops spate irrigation is perhaps the most ancient method devised evidence of basic spate irrigation engineering can be traced back'

'participation of water users associations in gash spate April 27th, 2020 - the performance of the spate irrigation sector in sudan is expected to be low and there are attempts for improvement through wuas low spate irrigation efficiency can be attributed to an ineffective water management due to low participation of farmers

bashier 2009 in sudan since 2002 the emphasis has been focused on performance outes'

'aquastat fao s information system on water and agriculture

March 31st, 2020 - the irrigation improvement project iip has been established recently to introduce the participatory spate irrigation management approach on two pilot wadis zabid and tuban this project created water user associations wuas to manage the spate structures on the wadis and to take over the operation and maintenance of the spate structures' **'public disclosure authorized e 352 world bank**

May 23rd, 2020 - the proposed spate irrigation improvement project siip aims at alleviating the above

*problems through rehabilitation and improvement of present structures and the introduction of participatory irrigation management pim whereby farmers would gradually take more responsibility in operating and maintaining the spate scheme''***journal of agriculture and rural**

development jarts

April 14th, 2020 - the aim of this research was to develop a participatory diagnostic analysis da for a traditional non modernised spate irrigation system in raya valley in order to involve local farmers within the development process and to build a solid knowledge basis for effective improvements a participatory rural appraisal pra of the harosha spate''**participatory rural appraisal to assess groundwater**

March 13th, 2020 - this type of spate irrigation requires the strong control and participation of the users in the water distribution thus a participatory approach is required other middle eastern governments also tried to overe high water demand by building similar diversion structures in bination with desalination plants and'

'publications ricerca dagri dipartimento di scienze e

May 23rd, 2020 - participatory rural appraisal for diagnostic analysis of spate irrigation systems in raya valley ethiopia journal of agriculture and rural development in the tropics and subtropics 118 1 129

139' 'participatory irrigation management pim concept and

May 13th, 2020 - participatory irrigation management pim is involvement of irrigation users in all aspects and all

levels of irrigation management all aspects b
improvements in existing ones c design f financing h
policy matters all levels a initial planning of new
irrigation projects'

'chapter 9 economics of spate irrigation

June 2nd, 2020 - chapter 9 economics of spate irrigation
181 introduction returns on investment in spate
irrigation is generally low and often does not justify
large capital outlays this however has not prevented
large investments being made in spate improvement
projects in the past often with doubtful results yet cost
effective'

'guidelines for planning irrigation and drainage

investment

May 25th, 2020 - publicly financed irrigation and drainage investment projects have too often performed poorly in some cases shortings were because planners gave inadequate consideration to institutional constraints or to the practical problems of implementation or because there was insufficient mitment by governments or users to the developments proposed'

'a meharihaile unesco ihe curriculum vitae abraham

May 23rd, 2020 - improvement in the dry region of eastern africa through the promotion of small holder drip irrigation systems along with an agronomic package the petencies of dr abraham include 1 institutional

strengthening farmer organization and participatory approaches to appropriate irrigation technologies and land and water resources management and hydraulic performance evaluation of the wadi laba spate

June 2nd, 2020 - abstract spate irrigation is a method of harvesting and managing floodwater which is unpredictable in timing and volume in the spate irrigated area of 16 000 ha in eritrea the farmers have for d'

giulio castelli postdoctoral scholar università degli
October 17th, 2019 - mission on field april to june 2014
harosha spate irrigation system tigray region definition and application of a participatory methodology for planning and design of improvements in **participatory rural appraisal of spate irrigation systems**

May 18th, 2020 - in the sheeb area in eastern eritrea a participatory rural appraisal pra was carried out in two villages one upstream and one downstreamof the ephemeral rivers laba and mai ule the objectives of the studywere to obtain a better understanding of farmer managed spate irrigationsystems and to enable the local people to perform their own farmingsystem analysis'

'pdf participatory rural appraisal for diagnostic
March 22nd, 2020 - pdf spate irrigation is a plex and unique form of water management which represent the main source of irrigation water in semi arid river find read and cite all the research you need'

'pdf participatory rural appraisal report of selected

May 10th, 2020 - spate irrigation represents the main source of livelihood for rural population of many communities living in arid and semi arid areas of the world the area of raya valley ethiopia is one such'' monitoring and evaluation of the participatory irrigation

May 14th, 2020 - irrigation management division within the then ministry of lands and land development ensured a fast track approach to reinforce institutionalization and helped provide adequate resources and emphasis to this new program the participatory management program was granted formal acceptance as state policy by a decision of the cabinet in 1989''

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