Farmers' personal irrigated Sawah systems to realize green revolution and Africa's rice potential Wakatsuki, Buri, Bam, Oladele and Admiluyi SMART IV kickoff workshop from 16-17th August 2010, Africa Rice, Cotonou



African farmers can develop their personal irrigated sawah systems by themselves to realize green revolution and Africa's rice potential

Aug 09 JIRCAS site



Development business: UN Millenium villages /World Bank/AfD_Bank/JBIC/USAID/JICA /NGOs



Experiences and examination of Sawah hypothesis I & II through long term action researches in Ghana and Nigeria



Core benchmark sites with various sized watersheds in Ghana & Nigeria. The action research sites were expanded in 2008-2010.

CRI/SRI/WRI/FoRIG-CSIR/JICA Sawah project for Integrated watershed management, 1997-2001





Farmer based Site Specific Sawah Development and Management through On-The-Job Training are the key (Sawah project phase I)



Canal construction by p

nicipating tanners



Soil and Wooden Weir, because of farmers' se support management under no rocks available

Photo. 3-25. Compaction to create impermeable layer on the front of dyke, March 2000

Photo. 3-23. Excavation of river bottom and jute bags

Photo. 3-26. Dyke was covered with sand bags after compaction of permeable layer

Photo. 3-17. Flooding over dyke

Sand bag weir by farmers and SRI Sawah team, Aug.2009, Nsutem, Ghana Partially intercepted irrigation canal at Gadabiu, FCT FadamaIII, 26 Sep 10

river

Sawah construction can be done by participated farmers' selfsupport efforts

Sokwae Sawah development by CRI sawah team, June 2008

Sokwae Sawah development by farmers July 2008

Manual Leveling needs hard-works for Sawah system construction

