

World Congress of CLIMATE CHANGE AND ECOSYSTEM

June 21, 2023 | WEBINAR

Investigation into Industry, informal settlements, and small-scale farmers; ability to cope and adapt to drought and other water related to changing climate along three majors rivers in KwaZulu Natal Province, Durban, South Africa.

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TKH FXUUHQW SUHVXUHV SODFHG RQ ULYHU V\ VWHPV E\ LQG XVWULDO JLDQWV FRXSOHG ZLWK XVH E UHVXOWLQJ LQ LQFUHDVHG WHPSHUDWXUHV DQG ORZHU UDLQIDOOV KDYH LPSDFWHG QHJDWLYHO\ DJULFXOWXUDO XWLOL]DWLRQ DV ZHOO DV LQG XVWULDO IXQFWLRQDOLW\ 7KLV LV YLVLEOH LQ WKH F GHYHORS VXVWDLQDEOH JDUGHQV WR IDFLOLWDWH D VRXUFH RI LQFRPH +RZHYHU WKH LQGLVFULPLQ available water for essential purposes.

7KXVH LQGLJHQRXV SHRSOH UHO\ KHDYLO\ RQ WKH IUHVKZDWHU UHVRXUFHV WKDW VKRXOG EH UHGL DUH HYHU LQFUHDVLRQ ZLWK PRUH DQG PRUH VPDOO DQG PHGLXP HQWHUSULVHV DUH EHLQJ HVWDEOL FKHPDFDO SROOXWDQWV H[SHOOHG LQWR ZDWHU V\ VWHPV DUH GLOXWHG WR WKH H[WHQW WKDW PLQL OLPLWLQJ DQG ZLWK WKH UHFHQW GURXJKW VLWXDWLRQ LQ 6RXWKHUQ \$IULFD ZKLFK

LV VWLOO SUHYDOHQW LQ :HVWHUQ &DSH WKH LPSDFW IURP LQG XVWU\ DV ZHOO DV UXUDO DJULFXOW

FKHPDFDO DQG GRPHVWLWLF SROOXWLRQ 7KLV SROOXWLRQ LQDGYHUUHQWO\ LPSDFWV RQ WKH ULYHUL IRU DOLHQ VSHFLHV LQYDVLQJ 7KXVH GUDVWLW HQYLURQPHQWDO FKDQJHV UHVXOWLQJ LQ GURXJKW L socio-economic activities. Current investigation is pertinent to provide answers to this increasing problem, however the need to change from a one-dimensional IRFXV RQ FOLPDWH FKDQJH IRUHFVWLQJ DQG ZHDWKHU WR D KRUV RI RWKHU IDFWRUV LQWHQVLI\ LQ useable water.

6RXWK \$IULFD KDV H[SHULHQFHG WKH ZRUVW GURXJKWV LQ GHFDGHV GXULQJ WKH FDOHQGDU \HDU ORVVHV IDFHG E\ WKH DJULFXOWXUDO LQG XVWU\ 8OWLPDWHO\ WKH UHVXOWDQW RI VXFK GURXJKWV O WKH FURSV DEVRUE DQG ZRXOG VWRUH WKH KHDY\ KDUPIXO PHWDOV FDXVLQJ KHDOWK ULNVV

Biography

6LERQHOR 7KDQGD 0EDQMZD KDV KLV H[SHUWLWV LQ &OLPDWH &KDQJH DQG SDVVLRQ LQ LPSURYLQJ V EDVHG RQ UHVSQRVLYH FRQVWUXFWLYLVWV FUHDWHV QHZ SDWKZD\ IRU LPSURYLQJ KHDOWKFDUH + WHDFKLQJ DQG DGPLQLVWUDWLRQ ERWK LQ QDWXUH FRQVHUYDWLRQ LQG XVWU\ DQG HGXFDWLRQ LQVW \$IULFD +H KDV SUHVHQWHG SSSHUV QDWLRQDOO\ DQG LQWHUQDWLRQDOO\ +H LV FRUHFWO\ ZR