

2.5 Theses of Graduate and Undergraduate Courses

(1) Doctor's Theses

Subdivision of Water Resources

Zeggaf A. T.

Study on partitioning evapotranspiration into transpiration and soil evaporation

Subdivision of Revegetation and Grassland Development

Yamamoto, M.

Study on drought tolerance of *Salix psammophila* and *Salix matsudana* used for afforestation in semi arid land, China

(2) Master's Theses

Subdivision of Natural Environment

Hojo, N.

Seasonal and yearly change detection of the forest wood using the LANDSAT data around Kakei city, Hiroshima prefecture

Nureki, K.

Effect of Earth-air heat exchange in the vinyl house

Subdivision of Plant Ecophysiology

Ishii, K.

Effects of silicon application on growth of 8 gramineous forage crops under different soil water regimes

Yin, L.

Effects of Na^+ and Ca^{2+} on root cell wall composition in two soybean cultivars differing in salt tolerance

Kaseda, O.

Photosynthetic characteristics of date palm under high temperature

Subdivision of Revegetation and Grassland Development

Yamamoto, A.

Ecophysiological characteristics of important tree species in Caatinga vegetation, Brazil

Tani, S.

Effect of dune plants on soil environments

Subdivision of Land Conservation

Koiwazaki, M.

Development of measuring oil content in soil by heat conductivity and dielectric constant

Onodera, H.

Improvement of acid soil using recyclable industrial waste product

Zhang, Q. T.

Effects of mulch on salt accumulation and water use efficiency of Swiss chard irrigated with diluted sea water

(3) Graduation Theses by Undergraduate Students

Subdivision of Natural Environment

Matsuoka, M.

Effect of seasonal change of prevailing wind on the sand movement in the east Tottori sand dune

Mitsuoka, M.

Studies on the desalination using the ice maker

Kawai, D.

Properties of sap flow using the Granier method

Subdivision of Water Resources

Ynmamoto S.

Measurement of micro-scale ground surface - Application of digital camera -

Mukaiyama H.

Transition of irrigation farming on Koyama sand dune area

Subdivision of Plant Ecophysiology

Soutome, T.

Influences of salt stress on anatomical characteristics of tap root in two soybean cultivars differing in salt tolerance

Yamaguchi, A.

Effects of seed hardening treatment on emergence and growth of seedling in wheat under soil drying, and its genetic differences among varieties

Subdivision of Revegetation and Grassland Development

Hara, Y.

Water relations of 4 woody species in the Loess plateau, China

Yoshimatsu, Y.

Effect of climatic factors on the radial growth of *Robinia pseudo-acacia* in the Loess Plateau, China

Subdivision of Land Conservation

Saimen, S.

Oil movement in soil due to rising groundwater level