



THE 1st INTERNATIONAL SYMPOSIUM
ON HEALTH RESEARCH & DEVELOPMENT
and
THE 3rd WESTERN PACIFIC REGIONAL CONFERENCE
ON PUBLIC HEALTH

PROGRAMME BOOK

**“Health Research and Development
to Address Health Inequity”**



POSTER PRESENTATION
NOVEMBER 17-18, 2011, 08.00-17.00

Agus Wibowo, Suryati K, Widya Asmara, Lufthfan Budi	Detection Polymorphism codon D727E from Suspect Hyperthyroidism Patients at Sukoharjo District
Agustin Rara Ayu, Siti Rahayu Nadhiroh	Correlation between Breast Feeding History, Complementary Feeding, Infection Diseases and Nutrition Status in Toddlers under The Age of 2 in Kedung Cowek District, Surabaya
Anis Nurwidayati, Jastal, Triwibowo AG, Pamela, Risti	Susceptibility of Schistosoma japonicum to praziquantel in Napu and Lindu, Central Sulawesi, Indonesia
Annis CaturAdi ,Clara Kusharto Ingrid S Surono,Sri Anna Marliyati, Lingga	Functional biscuit, a supplementary food in accelerate improving body weight of undernourished young children
Anugrah Juliana, Lidwina Salim, Yunita Mirino, Mirna Widyanti,Samuel Sandy	Urbanization of Taeniasis and Cysticercosis? A Serosurvey in Jayapura City, Papua Province
Arief Hargono, Windhu Purnomo, Suradi, Achsan, Yudi Efryanto	Figures and validity of immunization programme (coverage survey in Jember district, 2010)
Ayami Kume	The necessity of supporting Chinese students in Japan to improve their quality of life
Azrimaidaliza, Elsa Adira and Ice Yolanda Puri	Consumption Pattern of Street Food among School Children in Padang town
Bambang Yunianto,Bina Ikawati, Tri Ramadhani	Analysis of Leptospirosis risk faktor in Gresik district, East Java Province, Republic of Indonesia
Besral	Impact of conditional cash transfer on the nutritional status of the children in Sukabumi Municipality West Java, Indonesia
Betty Roosiermatie	Determinants on confirmed malaria in urban and rural areas, Indonesia year 2010
Budi Setyawati, Sri Prihatini, Wasilah Rochmah, Retno Pangastuti	Association between body mass index and bone mass density in young adult women
Calvin de los Reyes, PhD; Thiengi Myint, MBBS, MMed Sc. (P&TM) and Mizuka Kimura	Developing the Mother and Child Health Record Book in Myanmar
Catur Rosidati, MKM	Cancer information system based on medical record in center hospital cancer of Dharmais
Deni Elnovriza dan Idral Purnakarya	Weight body changes during the school holidays on students in SD pertiwi 2 Padang and factors influencing
Deni Elnovriza, Rahmi Kurnia Gustin dan Fivi Melva Diana	The incidence of gastritis and it's related to level of stress and eating habits on patient of health center of Gulai Bancah in Bukittinggi
Diah Sri Wahyunita	Health System Reform to Address Health Inequity: the health system as a social determinant of health
Dicky Andiarsa dan Annida	Association between Helminth infection and Atopy to elementary school students in SDN Kampung Baru, sub-district of Kusan Hilir, district of Tanah Bumbu, South Kalimantan province
Didik Budijanto	Family's Economic Burden of Physically Disabled Individuals Caused by Stroke (Case Study in Klaten, Pamekasan and Tabanan District)
Dini Ririn Andrias, Mahmudah	Association of Practice on Utilizing Iodized Salts during Cooking Process to Iodine Deficiency Disorders among School Children in IDD endemic Area of Dusun Sidwayah, Ponorogo, Indonesia
Djoko Kartono, Muhamad Samsudin, Sri Supadmi	The Effect of Iodised Salt Intervention on Urinary Iodine and Thyroglobulin Level Among Women of Child Bearing Age
Dr. Romy Jose Thekkekara, Asma A. Rahim, Thomas Bina, Romy Jose Thekkekara, Bhaskar Rao, Jayakrishnan .T, Biju George	Lay Reporting in Fever Surveillance Using Syndromic Approach: The Urban Challenge in a Developing Country
Dwi Martiana Wati, S.Si., M.Si	Strategy for landslide hazard reduction using vegetative selection
Dwi Susilowati	Hand washing activity among Primary School Children at East Lombok

STRATEGY FOR LANDSLIDE HAZARD REDUCTION USING VEGETATIVE SELECTION

Dwi Martiana Wati *)

Abstract

Indonesia, as a tropical country, has highly rainfall intensity in some region, but in others has landform hove, hill and mountain, with high potential landslide hazard. Landslide hazard could be anticipated with construction design and vegetation selection. Vegetative selection for prevention of landslide become one of important key to success in prevention of landslide hazard because it is long-term prevention. The most important factor in landslide are the slope and the ity, that is deep root.

The method of this research uses spatial analysis, because the slope and the rainfall in some region are different each other. It used because the characteristics of it that coverage geographical information. Thus, the vegetation selection can be applied regionally.

The root play an important role in holding soil layer, therefore the vegetation with multiple root will be more stronger in holding the soil. Finally, vegetation can be used for reducing landslide hazard, but it needs strategy in vegetation selection.

Key words: landslide hazard, rainfall, slope, spatial analysis

*) Lecturer of Public Health Faculty of Jember University