

**PENGEMBANGAN MODEL SEKOLAH LAPANGAN IKLIM  
PENGARUSUTAMAAN KESEHATAN MASYARAKAT UNTUK  
PENINGKATAN KEMAMPUAN ADAPTASI MASYARAKAT  
TERHADAP PERUBAHAN IKLIM: STUDI  
DI PROPINSI SUMATERA BARAT**



**Disertasi**



**PROGRAM STUDI S3 KESEHATAN MASYARAKAT  
FAKULTAS KEDOKTERAN UNIVERSITAS ANDALAS  
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**ABSTRAK**

Perubahan iklim merupakan ancaman serius bagi kesehatan masyarakat. Upaya yang dapat dilakukan untuk mengantisipasi dampak kesehatan akibat perubahan iklim adalah dengan peningkatan kemampuan adaptasi warga masyarakat. Penelitian ini membangun model Sekolah Lapangan Iklim Pengarusutamaan Kesehatan Masyarakat sebagai salah satu solusi untuk peningkatan kemampuan adaptasi warga masyarakat.

Penelitian ini menggunakan pendekatan riset dan pengembangan model ADDIE. Penelitian ini diawali dengan analisis kerentanan kesehatan wilayah pada daerah terpapar perubahan iklim di Propinsi Sumatera Barat. Pengumpulan data kualitatif menggunakan informan masyarakat dan tenaga kesehatan, dan kuantitatif pada sampel sebanyak 150 kepala keluarga. Data diolah dengan komputer dan dianalisis dengan regresi logistik. Penyusunan dan pengembangan disain kurikulum dan modul, kemudian diimplementasi dan evaluasi model pada daerah pertanian dan pesisir.

Hasil penelitian menunjukkan Kelurahan Pasie Nan Tigo Kota Padang (wilayah pesisir) dan Nagari Parambahan Tanah Datar (wilayah pertanian) memiliki kerentanan wilayah dikategorikan sangat rentan. Tingkat pendidikan suami, efikasi diri, kesadaran diri, persepsi diri, *life skill*, dan dukungan tenaga kesehatan berpengaruh secara bersama-sama terhadap perilaku adaptasi kesehatan. Model Sekolah lapangan Iklim Pengarusutamaan Kesehatan Masyarakat telah diimplementasikan pada dua daerah yang rentan terhadap perubahan iklim. Evaluasi model menunjukkan ada pengaruh Sekolah Lapangan Iklim Pengarusutamaan Kesehatan Masyarakat terhadap peningkatan pengetahuan, sikap dan tindakan adaptasi kesehatan akibat perubahan iklim.

Sekolah Lapangan Iklim Pengarusutamaan Kesehatan Masyarakat merupakan alternatif peningkatan kemampuan adaptasi masyarakat terutama daerah terpapar perubahan iklim. Pemerintah daerah menetapkan perubahan kebijakan dalam mengantisipasi dampak perubahan iklim.

**Kata kunci: Model sekolah lapangan iklim, perubahan iklim, adaptasi, kesehatan masyarakat**

**DEVELOPMENT OF PUBLIC HEALTH MAINSTREAMING CLIMATE FIELD  
SCHOOL MODELS FOR CAPABILITIES IMPROVEMENT  
COMMUNITY ADAPTATION TO CLIMATE CHANGE:  
STUDY IN WEST SUMATRA PROVINCE**

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**ABSTRACT**

*Climate change is a serious threat to public health. Efforts that can be made to anticipate the health impacts of climate change are to increase the community's adaptive capacity. This study builds a model of the Public Health Mainstreaming Climate Field School as a solution to increase the adaptability of citizens.*

*This study uses a research and development approach using the ADDIE model. This study begins with an analysis of regional health vulnerability in areas exposed to climate change in West Sumatra Province. Collecting qualitative data using community informants and health workers, and quantitative on a sample of 150 families. The data were processed by computer and analyzed by logistic regression. Preparation and development of curriculum and module designs, then implementation and evaluation of models in agricultural and coastal areas.*

*This study uses a research and development approach using the ADDIE model. This study begins with an analysis of regional health vulnerability in areas exposed to climate change in West Sumatra Province. Collecting qualitative data using community informants and health workers, and quantitative on a sample of 150 families. The data were processed by computer and analyzed by logistic regression. Preparation and development of curriculum and module designs, then implementation and evaluation of models in agricultural and coastal areas.*

*The results showed that Pasie Nan Tigo Village, Padang City (coastal area) and Parambahan Tanah Datar Village (agricultural area) had the vulnerability of the area categorized as very vulnerable. Husband's education level, self-efficacy, self-awareness, self-perception, life skills, and support from health workers have a joint effect on health adaptation behavior. The Public Health Mainstreaming Climate Field School Model has been implemented in two areas that are vulnerable to climate change. The evaluation of the model shows that there is an effect of the Community Health Mainstreaming Climate Field School on increasing knowledge, attitudes and health adaptation actions due to climate change.*

*The Public Health Mainstreaming Climate Field School is an alternative to increasing the community's adaptive capacity, especially in areas exposed to climate change. Local governments set policy changes in anticipating the impacts of climate change.*

**Keywords: Climate field school model, climate change, adaptation, public health**

