

DesInventar

**Disaster Information
Management System - SRI LANKA**



Disaster Management
Centre



Overview

-  Introduction of DesInventar
-  Benefits of DesInventar
-  Methodology
-  How to Use DesInventar
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What is DesInventar

- ❖ The Disaster Management Centre (DMC) of the Ministry of Disaster Management with technical and financial support from the Disaster Risk Management (DRM) programme of the United Nations Development Programme (UNDP) and the UNDP Regional Centre in Bangkok (RCB) has initiated the development of a database on the past disaster incidents from 1974 to date.
- ❖ The Disaster Information Management System (desInventar) is a sustainable arrangement within an institution for the systematic collection, documentation and analysis of data about losses caused by natural and man made disasters.

Benefits of DesInventar

The Disaster Information Management System is a tool that helps to analyze the disaster trends and their impacts in a systematic manner. With increased understanding of the disaster trends and their impacts, better prevention, mitigation and preparedness measures can be planned to reduce the impact of disasters on the communities.

DesInventar Methodology

The Disaster Information Management System(DesInventar methodology) includes a software product with two main component,

❖ The DesInventar module

A relational and structural database through which the database is fed by filling in predefined fields (space and temporal data, types of events and causes, sources) and by both direct and indirect effects (deaths, houses, infrastructure, economic sectors).

❖ The DesConsultar module

Allows access to the database by queries that may include relations among the diverse variables of effects, types of events, causes, sites, dates, etc. This module allows at the same time to represent those queries with tables, graphics and thematic maps.

How to Use DesInventar

1) Logging to web site : <http://www.desinventar.lk>

The screenshot shows the website interface for the Disaster Information Management System - Sri Lanka. The browser window title is "Disaster Information Management system in Sri Lanka - Windows Internet Explorer". The address bar shows "http://www.desinventar.lk/". The website has a blue header with navigation links: Home, About Desinventar, Contact us, and Login for Data Entering. The main banner features logos for the Disaster Management Centre, UNDP, and Sri Lanka, with the text "Disaster Information Management System - SRI LANKA". Below the banner, there is a "WELCOME to Disaster Information Management System in Sri Lanka" message and a search bar. The left sidebar contains a menu for "ABOUT US" with links to: What is Disaster Information Management System, Data Sources, Data Collection Process, Data Validation, Disaster Definitions, Incident Reporting Formats, User Manual, and Training and Awareness. Below this is a "DISTRICTS PROFILES" section with a map of Sri Lanka. The main content area features a "Landslides" article with an illustration of a landslide and text stating: "Until the year 2002, the annual average number of landslide records did not exceed 50. Further, landslides are most prone to occur in the months of November, December and January. With respect to spatial distribution, most landslides appear to occur in the districts of Badulla, Ratnapura, Nuwara Elya and Kegalle....". To the right, there is a "LATEST DISASTER IN SRI LANKA" section with two news items: "Colombo, 11 Jan Sri Lanka recent causes Rs. 30 I" and "Over 200,000 acre land destroyed by Sri Lanka". At the bottom, there is a "DIFFERENT DISAST & THEIR IMPACTS" section.

How to Use DesInventar(Cont)

2) Click the link showing in picture :



Disaster Information Management System - Sri Lanka

Welcome to

The Disaster Management Centre (DMC) of the Ministry of Disaster Management with technical and financial support from the Disaster Risk Management (DRM) programme of the United Nations Development Programme (UNDP) and the UNDP Regional Centre in Bangkok (RCB) has initiated the development of a database on the past disaster incidents from 1974 to date.

The Disaster Information Management System is a sustainable arrangement within an institution for the systematic collection, documentation and analysis of data about losses caused by natural and man made disasters

[Read More](#)

Please click on Following Link to Enter in to the Database:
This querying system will provide you with basic data about the effects of many types of natural disasters occurred in the country.
Disaster Information Management System in Sri Lanka from 1974 to Upto Date...

How to Use DesInventar(Cont)

3) Before you enter to Database read carefully “tabbed interface Instruction” page :

The tabs that compose the interface are :

- Query** : used to determine what data is to be retrieved is displayed
- View Data** : contain the simple tabular form of the results of your query
- Charts** : generate several very powerful types of charts
- Statistics** : provides aggregates of the different variables
- Thematic Maps** : generates colored maps
- Crosstab** : organized statistics as cross-tabbed tables (two dimensions)

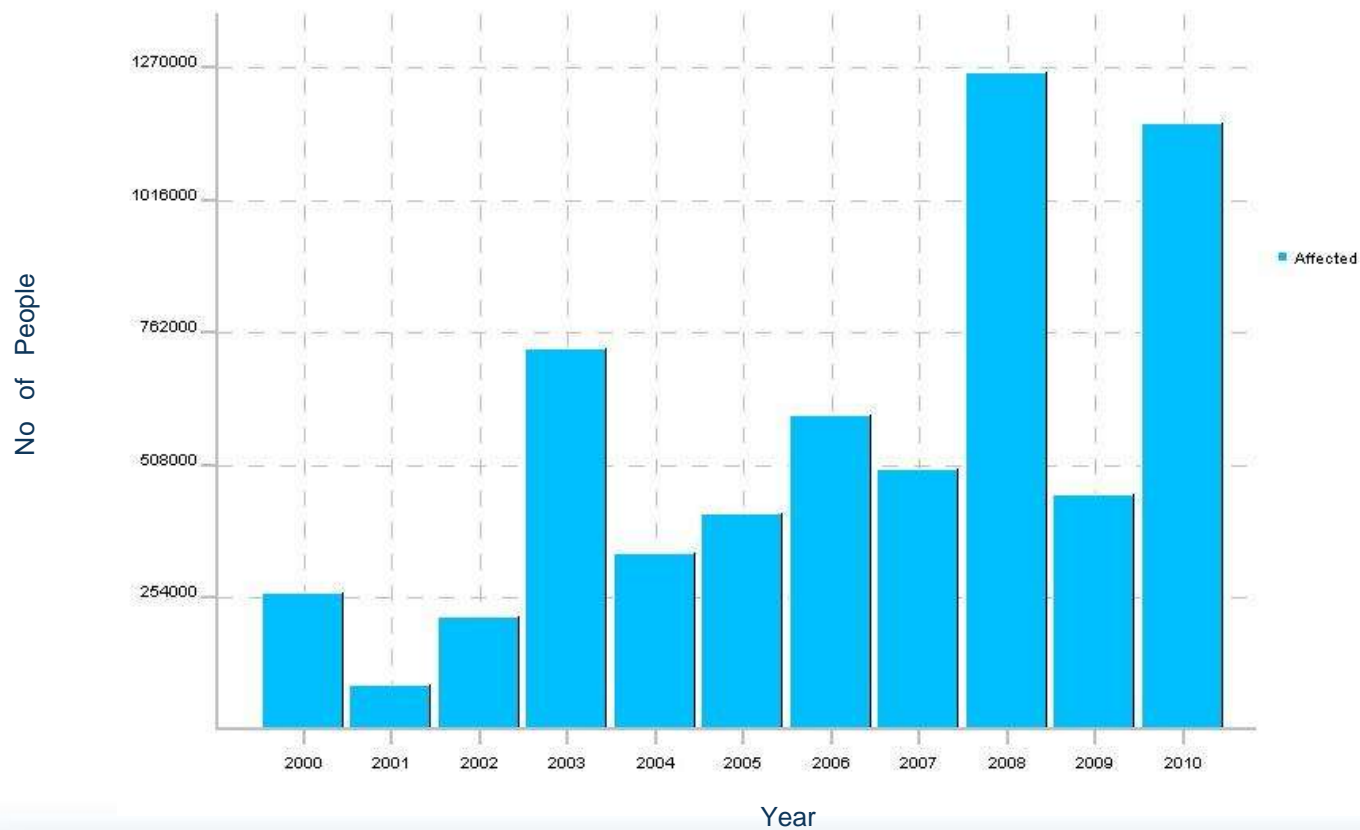
How to Use DesInventar(Cont)

- 4) Then you will enter to the database:
 - i. First you have to select disaster type from the Disaster type.
 - ii. Then select the geography levels (Province / District / DS division)
 - iii. Note :If you not select geography levels, Query will select entire country.
 - iv. Then enter Date using year, month and day format.
 - v. Finally, use suitable tabs in the top of page View Data, Charts , statistics , Thematic or CrossTab.

Sample Reports

1). Flood : 2000 - 2010

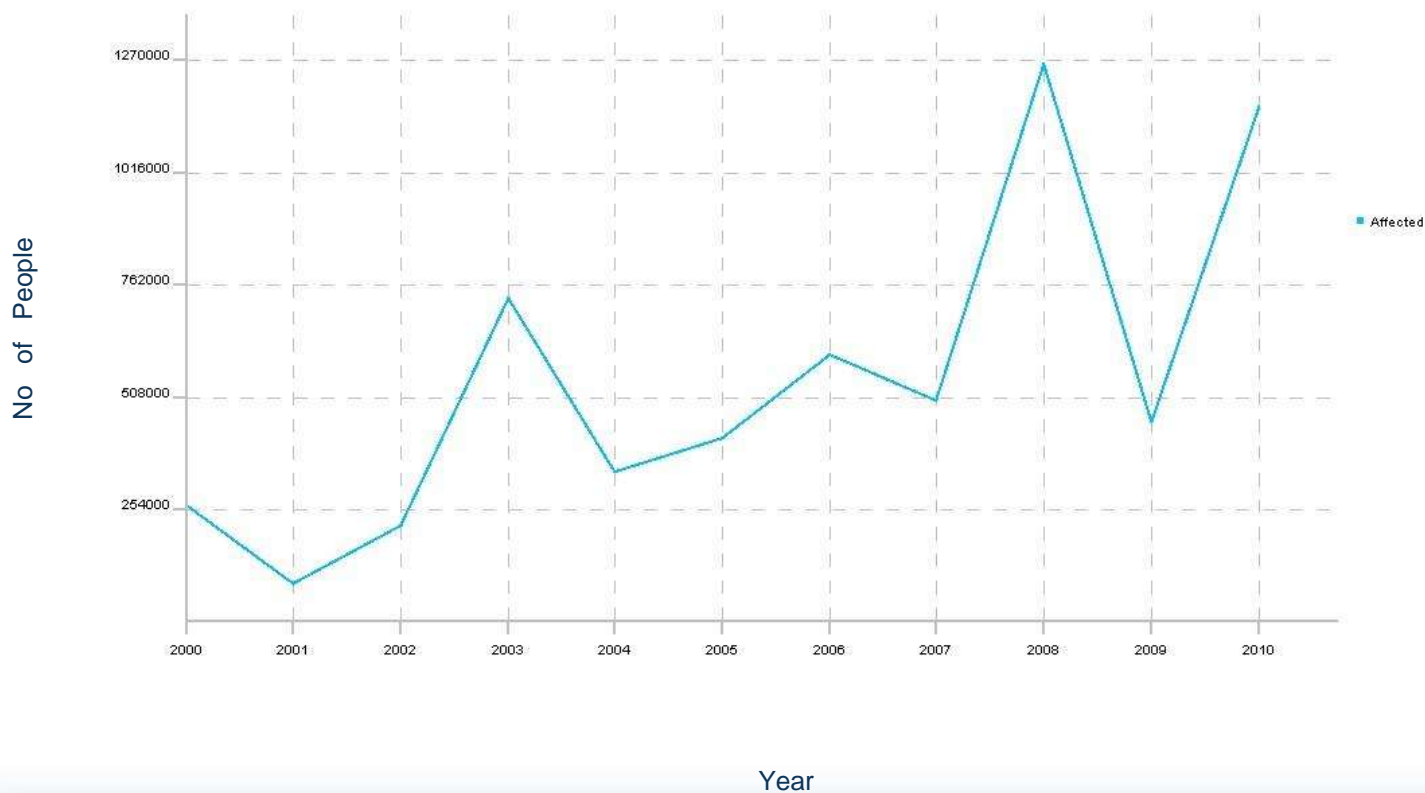
Affected people



Sample Reports

2). Flood : 2000 - 2010

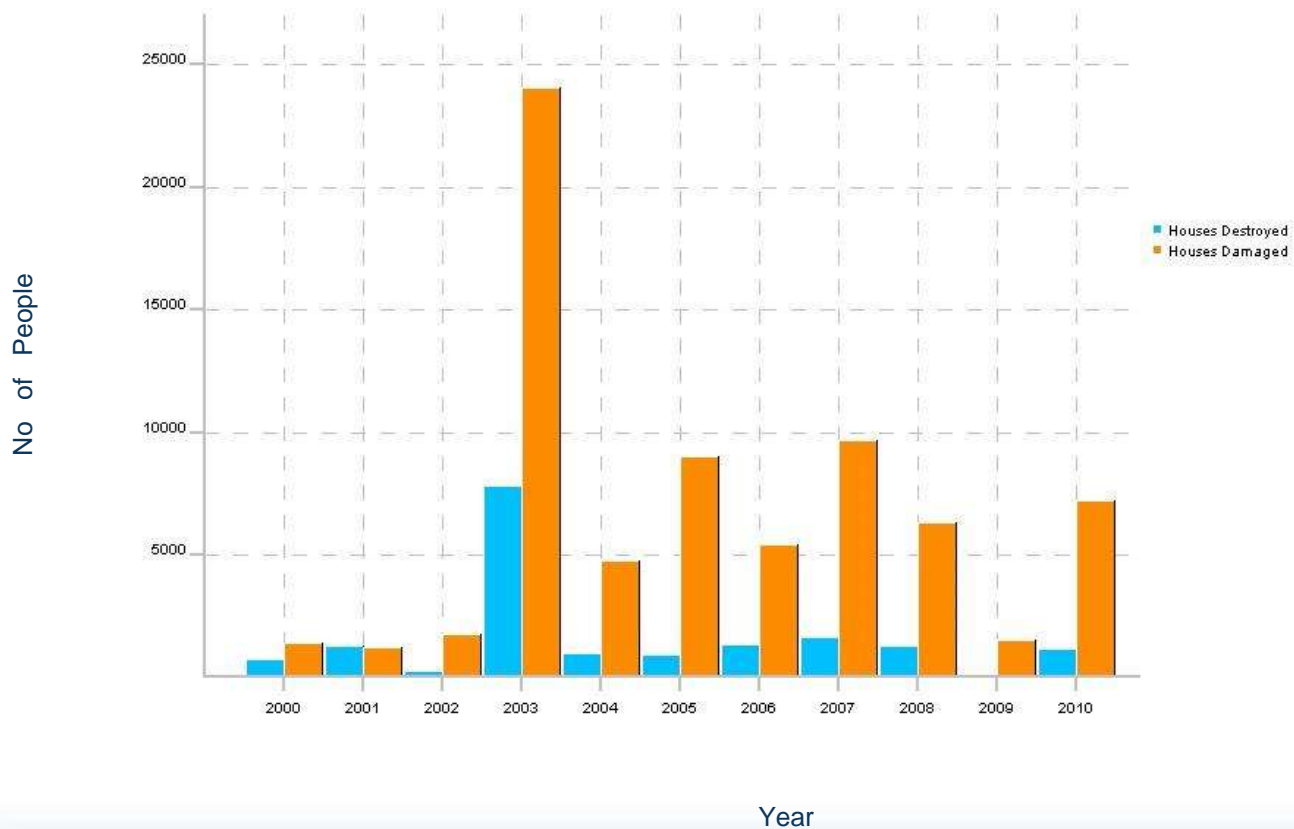
Affected people



Sample Reports

3). Flood : 2000 - 2010

Houses Destroyed and Houses Damaged



Contact Us

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Thank You