

PACKAGE ID - 001268IBMPC00 ECORAD

KWIC TITLE - Estimate Radiological Dose for Animals

AUTHORS - Hoier, S.
Sandia National Labs., Albuquerque, NM (United States)

LIMITATION CODE -COPY **AUDIENCE CODE** - LIM

COMPLETION DATE - 12/17/1997 **PUBLICATION DATE** - 10/01/1998

DESCRIPTION - Estimate Radiological dose for animals in ecological environment using open literature values for parameters such as body weight, plant and soil ingestion rate, rad. half-life, absorbed energy, biological half-life, gamma energy per decay, soil-to-plant transfer factor, ...etc

PACKAGE CONTENTS - Media Directory; Software Abstract; User's Manual; Meida Includes Source Code, Sample Problem Input and Output;

SOURCE CODE INCLUDED? - Yes

MEDIA QUANTITY - 1 3.5 Diskette

METHOD OF SOLUTION - Window driven, linear calculation of inputs

COMPUTER - IBM PC

OPERATING SYSTEMS - Windows

PROGRAMMING LANGUAGES - PC

SOFTWARE LIMITATIONS - It can only be loaded in PC, not network as it is to date (12/17/1997).

SOURCE CODE AVAILABLE (Y/N) - Y

RELATED SOFTWARE - Calculation done on EXCEL spreadsheet.

HARDWARE REQS - PC, Platium with Windows

REFERENCES - Douglas Bowen, ECORAD v4.0 User's Manual, October 1998.

ABSTRACT STATUS - Released AS-IS 1/14/1999.

SUBJECT CLASS CODE - U

KEYWORDS -
COMPUTER PROGRAM DOCUMENTATION
E CODES
RADIATION DOSES

EDB SUBJECT CATEGORIES -
990200

E S T S C
ENERGY SCIENCE & TECHNOLOGY SOFTWARE CENTER
SOFTWARE ABSTRACT

PAGE 2

DATE 03/11/2002

PACKAGE ID - 001268IBMPC00 ECORAD

SPONSOR - DOE/DP

PACKAGE TYPE - AS - IS