

Foreword.

This work was undertaken to accomplish four things: -

- 1. To describe the dangerous consequences of high environmental temperatures on humans for persons unfamiliar with these effects.**
- 2. To explain the various mechanisms we use in our attempts to maintain normal, core body temperatures in difficult circumstances.**
- 3. To establish methods whereby the effect of a particular set of dangerous environmental factors on the core body temperature of a person engaged in any activity, variously clothed and environmentally exposed, can be evaluated.**
- 4. Using these methods estimate the effect of a range of probable environmental conditions which may be expected to occur post 2070; should global warming as projected by CSIRO – 2001 – eventuate; on four individuals, variously clothed and engaged in a range of activities in seven Australian cities. Their responses are assessed for various exposures, either outdoors in full shade or sun, or indoors in different housing types.**

Although it has been impossible to escape the use of many technical terms, every effort has been made to produce a document, which it is hoped will be accessible to the average reader who is prepared to persevere.

The work is presented in two parts. A printed document which includes the text plus appendices 1,2 and 3, and a Compact Disc containing appendices 4 to 35.

These are the results of the analysis on the effects of conditions post 2070 on the four individuals studied and comprise some 1800 pages of tables. It was thought inappropriate to present these in the printed form.

**Cecil F Forbes
2A Geordie Court,
Coogee W.A.
9/07/04.**