

## **Risk-based land-use guide: Safe use of land based on risk assessment.**

Geological Survey of Canada Open File 7772

### **Components and Assembly**

Open File 7772 consists of six PDF files distributed as a zipped file.

1. Guide: of\_7772.pdf
2. Appendices to guide: of\_7772\_appendicies.pdf
3. Figure 2 tip-in: of\_7772\_fig2\_tip-in.pdf
4. Figure 2 poster: of\_7772\_fig2\_poster.pdf
5. Figure 2 posters: of\_7772\_fig2\_poster\_multi.pdf
6. Readme: Readme\_of\_7772.pdf

Each file can be viewed with a computer PDF viewer or printed. Figure 2 is too large to be printed on standard desktop printers and is designed for colour roll plotters and banner printers.

### **Guide**

This 84 page document provides the basic material to understand risk management in support of municipal decisions for medium to large urban centres in British Columbia. It supports decisions that can lead to acceptable risk for the use of land affected by natural and man-made hazards. The Guide is multi-colour and designed for printing double-sided on letter-size paper (8.5 x 11 inch; 21.59 x 27.94 cm). The Guide mock-up was spiral-coil bound with one tip-in figure (Fig. 2), and a letter-size envelope at the back to hold a poster plot of Figure 2.

### **Appendices to the guide**

The Guide references appendices which are found in this 124 page document. The appendices provide elaborations, explanations, tips, techniques, examples, templates, check-lists and other supporting material for using risk-based land-use management to reduce the risk from hazards that affect a municipality. Like the Guide, the volume of appendices is multi-colour and designed to be printed double-sized on letter-size paper and spiral-coil bound.

### **Figure 2 tip-in**

Figure 2 is a summary of land-use risk management as used in this open file. The figure is designed to be printed with a colour roll plotter, trimmed for folding, and inserted into the guide at the end of the introduction and before Section 1 (page 20). The figure folds vertically as an accordion, so it would open out downward from the document. The part of the plot that is bound into the document is 8.5" x 11", the remainder of the lower part of the figure is trimmed to 7.8" x 11", where the 7.8" width (19.81 cm) is measured from the outside edge (see Figure rm1 and rm2 below for example). The lower narrower format permits the paper to be folded into the document so it does not interfere with the Guide's binding.



Figure rm1. Shows the figure 2 vertical tip-in unfolded.

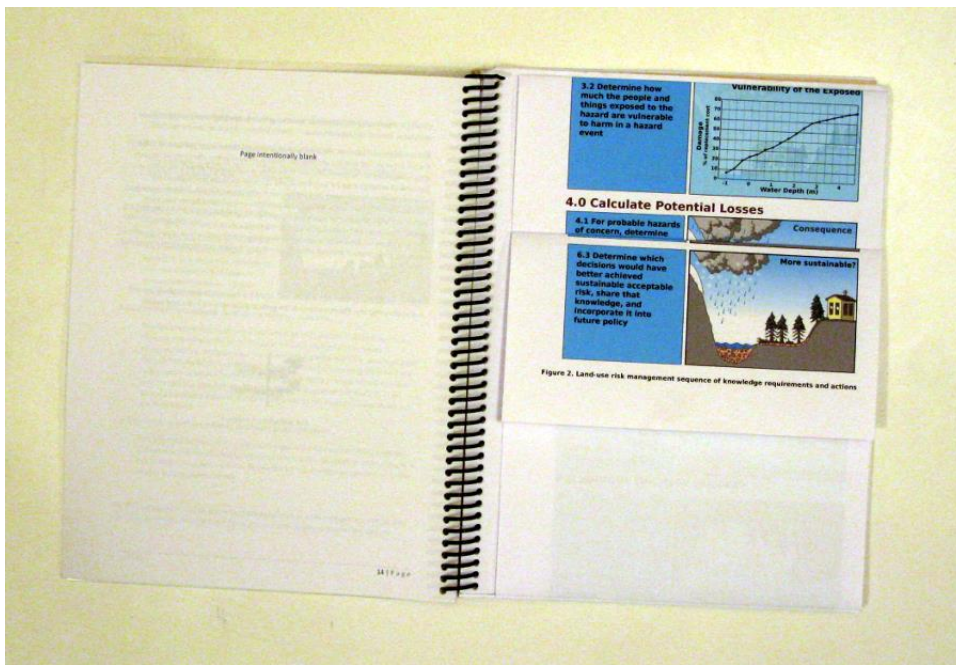


Figure rm2. Shows the figure 2 vertical tip-in folded into Guide.

## Figure 2 poster

The poster of figure 2 is designed to be printed on a colour roll plotter, and used with, or independently of the Guide. It is 8.5" wide and 55" long (21.59 x 139.7 cm) and contains the publication information for the open file. This plot version has a single poster that can be printed on a banner printer or a roll plotter.

## Figure 2 posters

This plot version of figure 2 has four posters side by side to lessen waste of plotter paper. This uses most of a rectangle of 36" (91.44 cm) plotting paper and the extra posters can be shared with colleagues (Figure rm3).



Figure rm3. File GSC-OF7772\_figure2\_multi\_letterwidth\_2015-03-11.pdf contains a plot file with four posters of figure 2 arranged as letter page width and 54" long designed for a custom plotter page width of 36" and length of 55".