Supplementary Material

Jean Braun

Helmholtz Centre Potsdam, GFZ German Research Centre for Geosciences, Potsdam, Germany

Response to instantaneous variations in incoming sedimentary flux and relative precipitation rate.

In the following figures, we show the response of the system to:

1. a step decrease in the incoming sedimentary flux (Figure 1);

2. an increase in relative precipitation rate (Figure 2);

3. and, a decrease in relative precipitation rate(Figure 3)
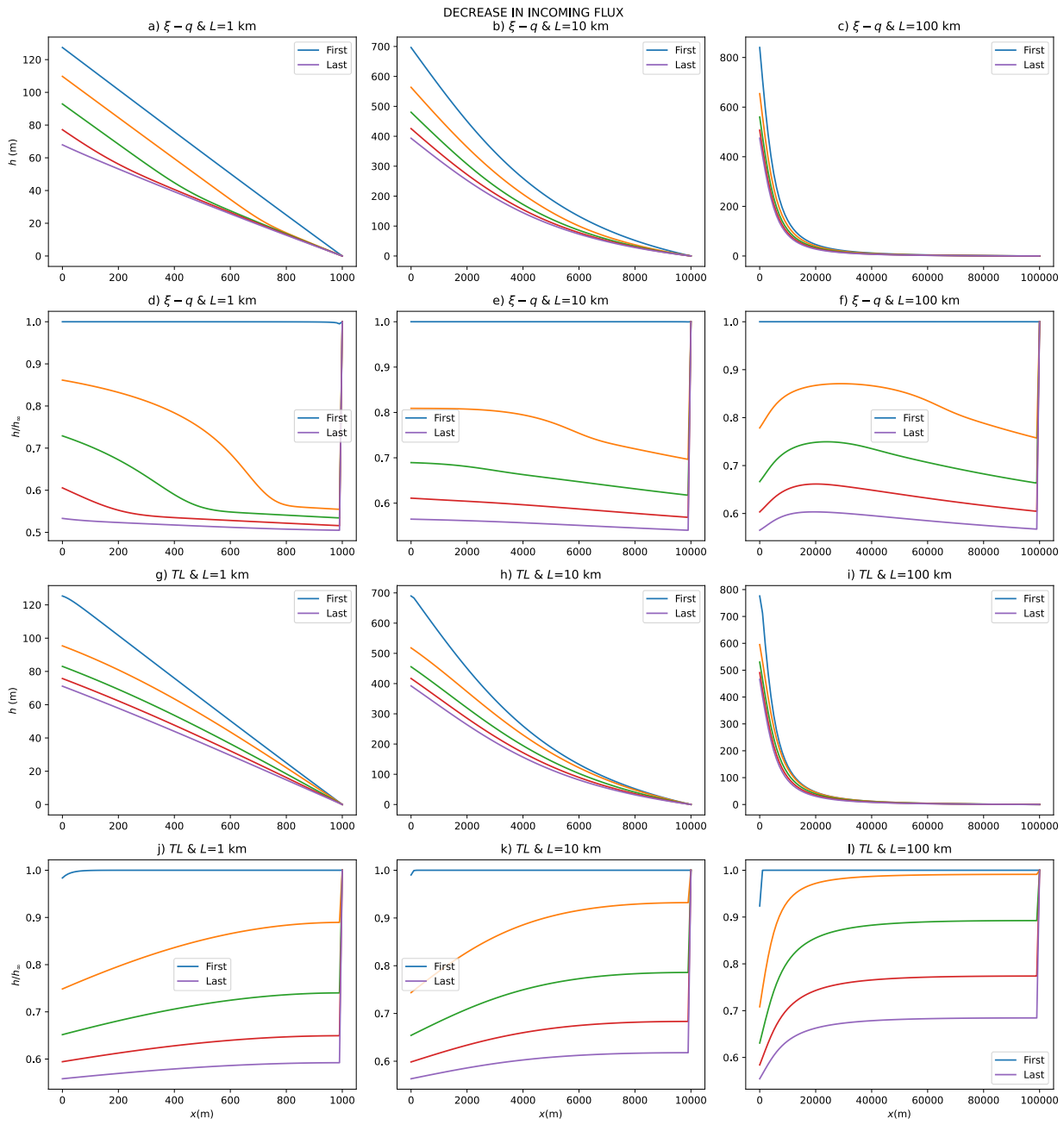
Figure 1: Same as Figure 9 but for a decrease in incoming sedimentary flux by a factor of 2.
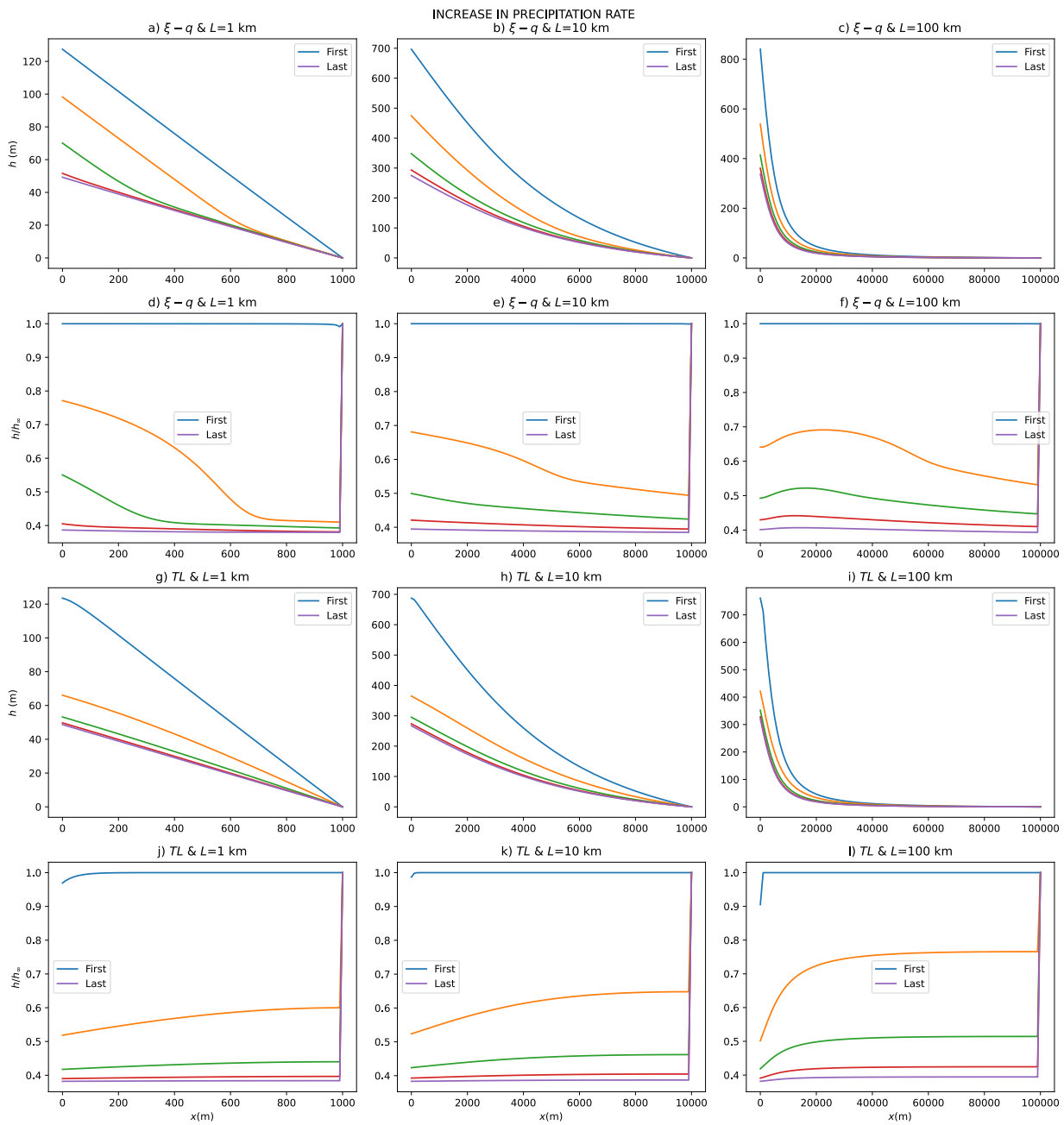
Figure 2: Same as Figure 9 but for an increase in relative precipitation rate by a factor of 2.
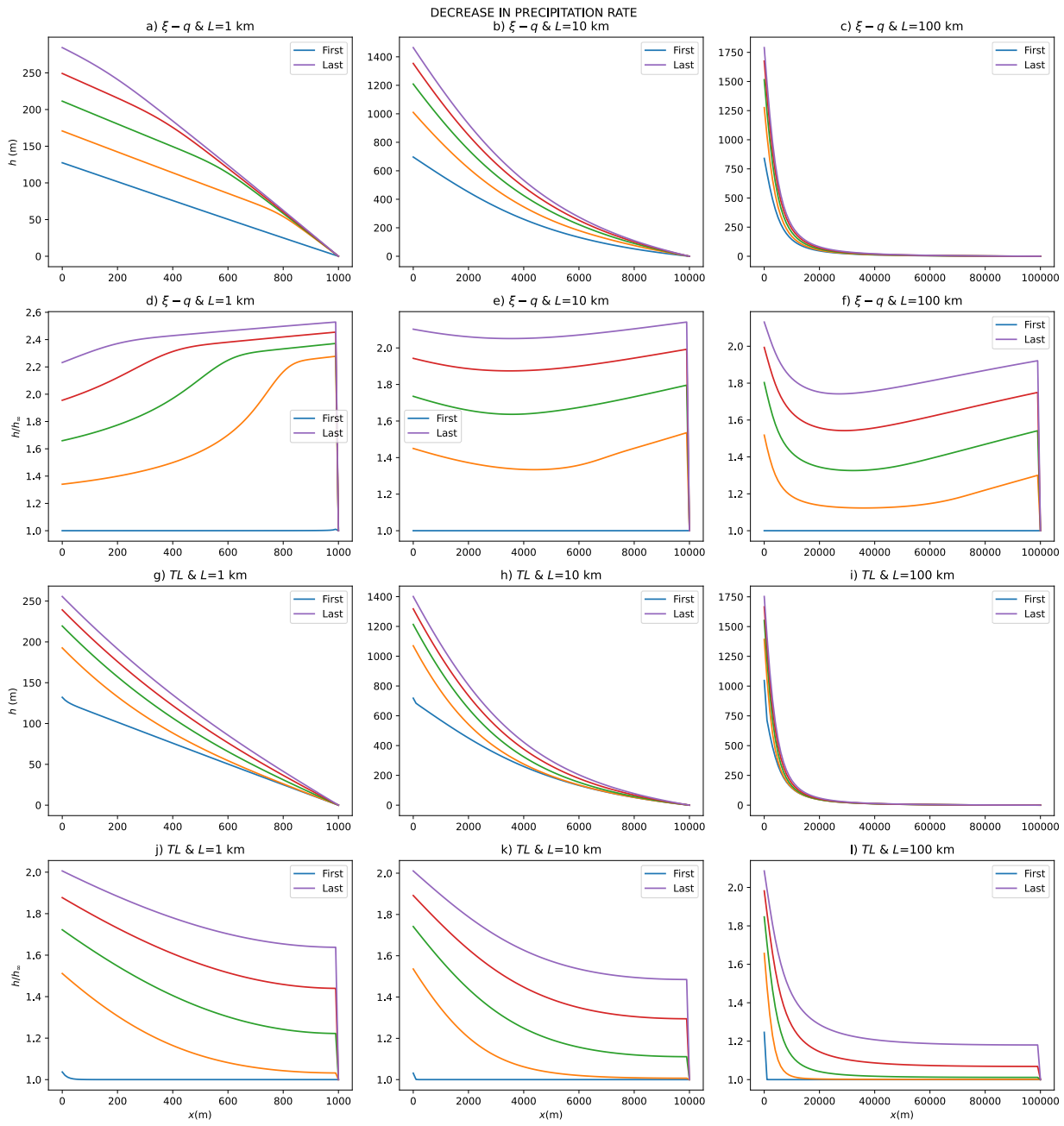
Figure 3: Same as Figure 9 but for a decrease in relative precipitation rate by a factor of 2.