Figure 1. Some classic 6-sided snow crystals.
Figure 2. Some other snow crystals.
Figure 3. Growth of dendrites from a 2-dimensional model.

Figure 4. Cellular arrangement: (a) simple neighbor model (b) rendering model.
Figure 5. A simplified view of a cell and its neighbors.
Figure 6. The scheme used for updating cells illustrating a receptive cell becoming ice.
Figure 7. Sample growth as $\beta$ and $r$ vary; side view.
Figure 8. Sample growth as $\beta$ and $r$ vary; top view.
Figure 9. Some more detailed views.
Figure 10. Varying the center weight for averaging for $s = 0.25, 1, \text{ and } 4$ with $\beta = 0.15$

has little impact on the qualitative growth forms.
Figure 11. Changing the initial ice configuration from a single cell (top row) to six cells (bottom row) forming a hexagon for $r = 0.05$ and $\beta = 0.2, 0.3$. 
Figure 12. Capped columns resulting from changing from $r = 0.25$ to $r = 20$ for $\beta = 0.65$. 