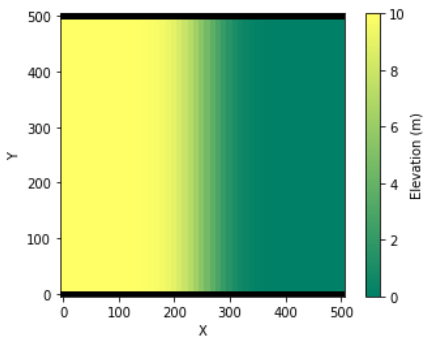


```
from landlab import RasterModelGrid, imshow_grid

grid = RasterModelGrid((51, 51), xy_spacing=10.0)
grid.set_closed_boundaries_at_grid_edges(False, True, False, True)
topo = grid.add_zeros('topographic__elevation', at='node')
topo[grid.x_of_node <= 250] = 10.0  # uplift left half by 10 m
qs = grid.add_zeros('sediment_flux', at='link')
D = 0.01      # transport coefficient, m2/y
dt = 2000.0  # time-step duration, y
for _ in range(50):
    gradient = grid.calc_grad_at_link(topo)
    qs[grid.active_links] = -D * gradient[grid.active_links]
    topo += -grid.calc_flux_div_at_node(qs) * dt

imshow_grid(grid, topo, cmap='summer', var_name='Elevation (m)')
```