

## **Climate Change factors for use in the design of new structures**

### **Tidal situations:**

An additional 300mm in tidal situations

(Broken down as 250mm allowing for rise in sea level and 50 mm for earth tilt over a 50 year structure life.)

### **Bridges and Culverts:**

20% added flow for climate change

### **Clear Spans:**

20% added flow for climate change, however the free board can be reduced to 200mm on inclusion of this factor

Max Afflux upstream to downstream should not be greater than 300mm after the climate change factors have been applied.