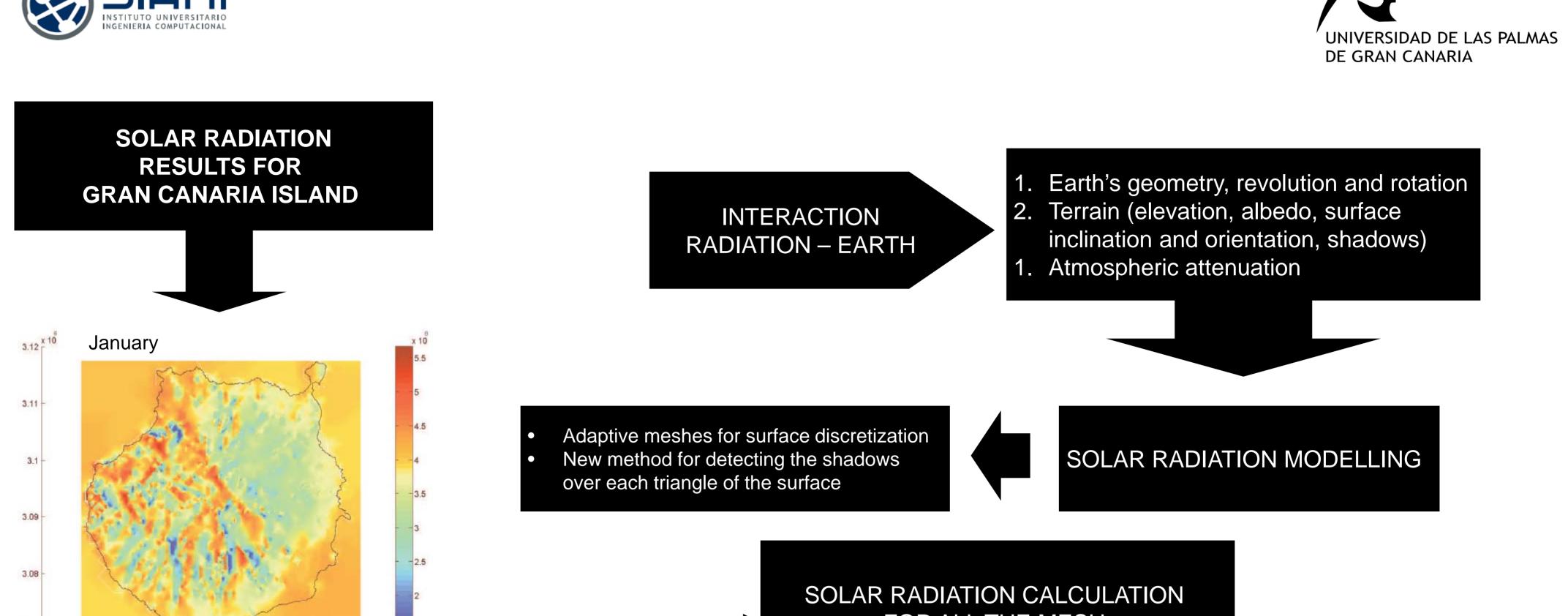
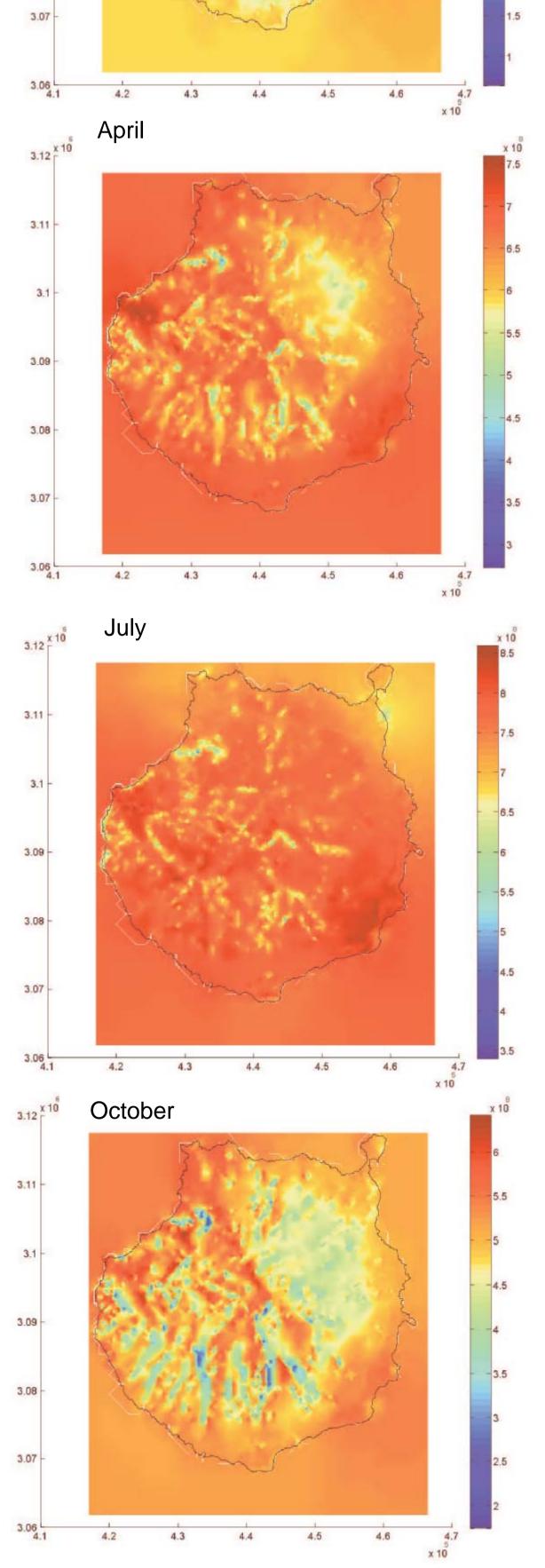
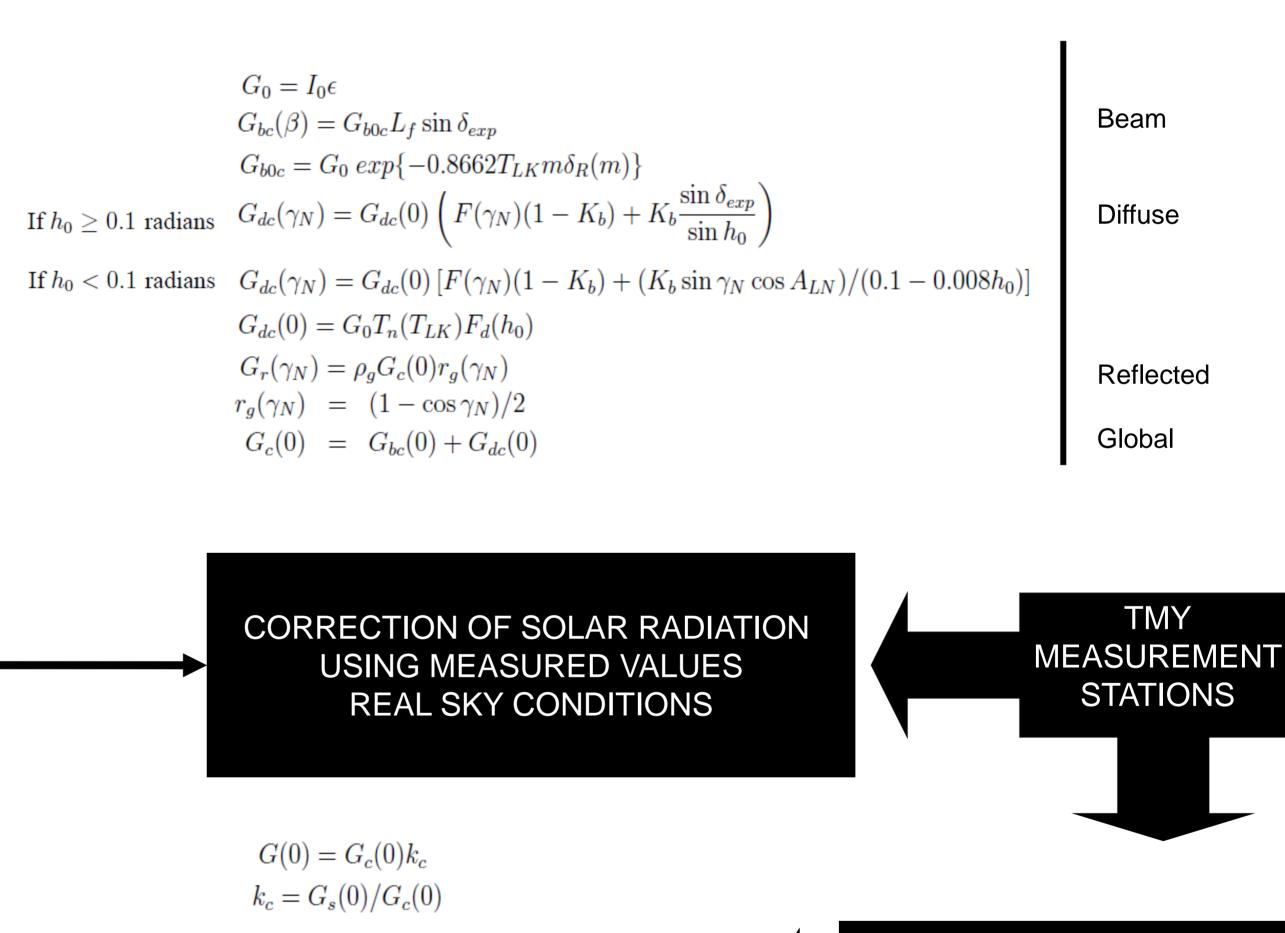
AUTHORS F. DÍAZ G. MONTERO J.M. ESCOBAR E. RODRÍGUEZ R. MONTENEGRO

## PHOTOVOLTAIC POWER ESTIMATION TOOL USING A SOLAR RADIATION NUMERICAL MODEL





## FOR ALL THE MESH, ASSUMING CLEAR SKY CONDITIONS



 $k_{c} = \varepsilon \frac{\sum_{n=1}^{N} \frac{k_{cn}}{d_{n}^{2}}}{\sum_{n=1}^{N} \frac{1}{d_{n}^{2}}} + (1-\varepsilon) \frac{\sum_{n=1}^{N} \frac{k_{cn}}{|\Delta h_{n}|}}{\sum_{n=1}^{N} \frac{1}{|\Delta h_{n}|}}$ 

SOLAR RADIATION MEASUREMENT STATIONS

