# The Evolution of the Scalar Curvature
# of a Surface to a Prescribed Function

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**Abstract.** We investigate the gradient flow associated to the prescribed scalar curvature problem on compact Riemannian surfaces. We prove the global existence and the convergence at infinity of this flow under sufficient conditions on the prescribed function, which we suppose just continuous. In particular, this gives a uniform approach to solve the prescribed scalar curvature problem for general compact surfaces.