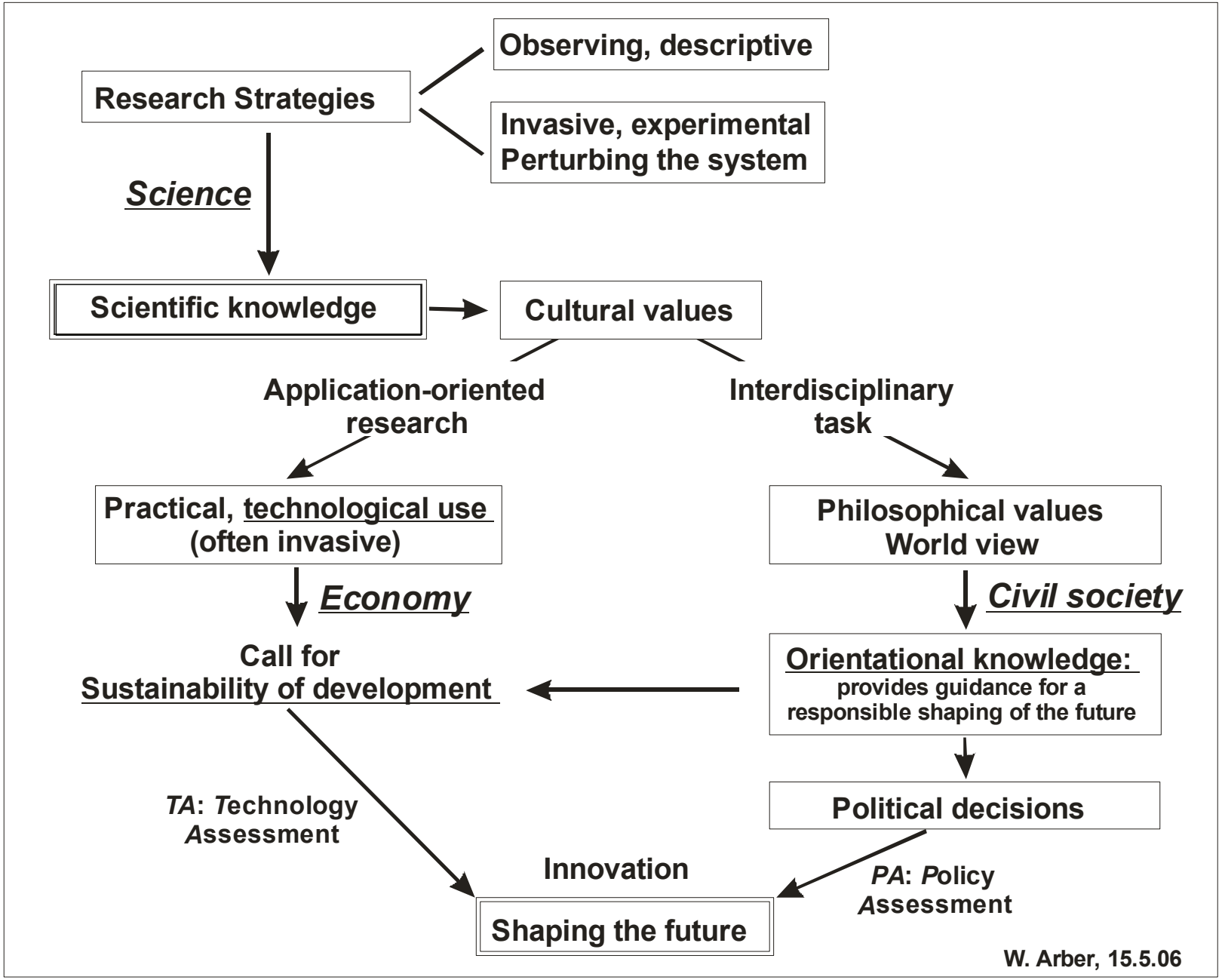The impact of science and technology on the civilization