

SDGs and the Nexus



Achieving Sustainable Development Goals from a Water Perspective

Anik Bhaduri^{1,2*}, Janos Bogardi³, Afreen Siddiqi^{4†}, Holm Voigt², Charles Vörösmarty⁵, Claudia Pahl-Wostl⁶, Stuart E. Bunn⁷, Paul Shrivastava⁷, Richard Lawford², Stephen Foster⁸, Hartwig Kremer⁹, Fabrice G. Renaud¹⁰, Antje Bruns¹¹ and Vanesa R. Osuna^{2†}

¹ Australian Rivers Institute, Griffith University, Brisbane, QLD, Australia, ² Sustainable Water Future Programme, Brisbane, QLD, Australia, ³ Center for Development Research (ZEF), University of Bonn, Bonn, Germany, ⁴ Engineering Systems Division, Massachusetts Institute of Technology, Cambridge, MA, USA, ⁵ Department of Civil Engineering, The City College of New York, New York, NY, USA, ⁶ Institute for Environmental Systems Research, University of Osnabrück, Osnabrück, Germany, ⁷ Future Earth, Montreal, QC, Canada, ⁸ Global Water Partnership, London, UK, ⁹ Science Division, UN Environment, Copenhagen, Denmark, ¹⁰ Institute for Environment and Human Security, United Nations University, Bonn, Germany, ¹¹ Governance and Sustainability Lab, University of Trier, Trier, Germany

OPEN ACCESS

Edited by:
David Tickner,
.....

DRAFT

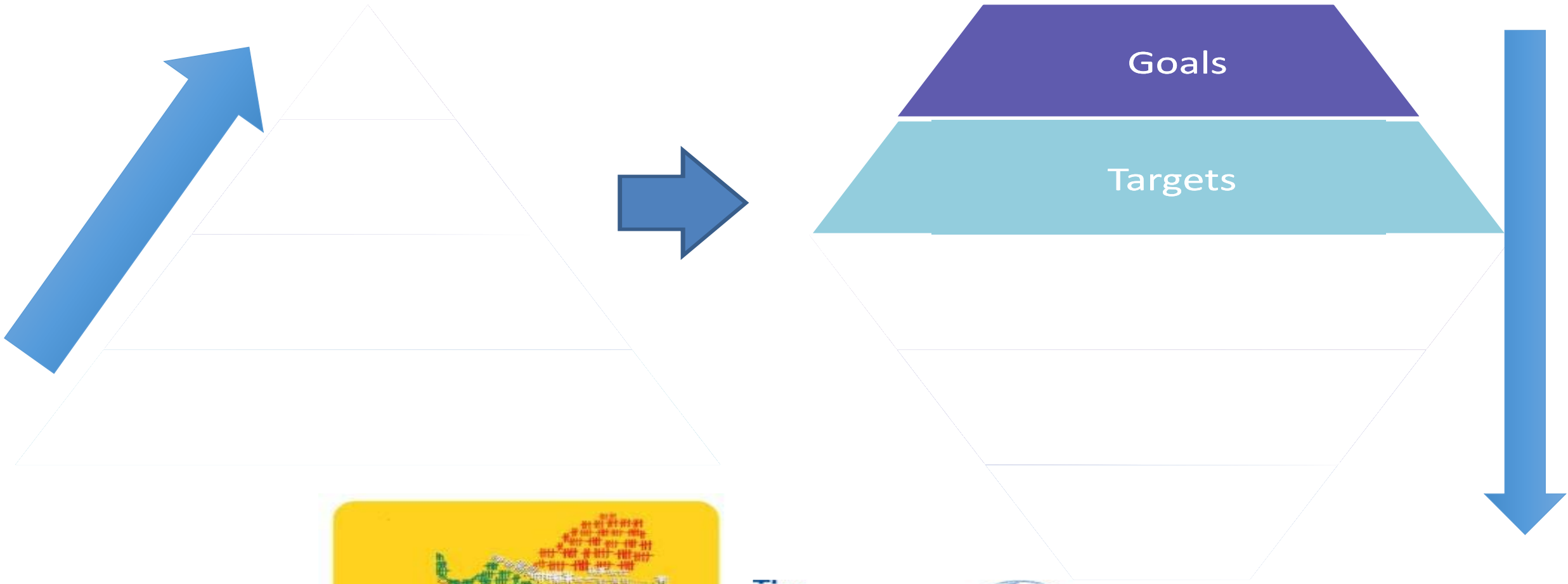
Discussion Paper

CONTRIBUTIONS OF W-E-F NEXUS STUDIES TO CHALLENGES OF THE SDGs

Prepared for the fourth WEF Nexus Cluster regional workshop

Pietermaritzburg, South Africa

Indicators for the SDGs



MDGs were simple/achievable

- Lacked integration.
- SDGS - some integrated goals, targets and indicators
- These are “messy”

Sample analysis by Colleen Crammer shows the areas of coherence (and incoherence)

Target	6.1	6.2	6.3	6.4	6.5	6.6	6.a	6.b	2.1	2.2	2.3	2.4	2.5	2.a	7.1	7.2	7.3	7.a	7.b
6.1		3	2	2	1	1	1	1	-1	-1	-2	-2	0	1	0	0	0	1	-1
6.2	3		2	1	1	1	1	1	0	1	0	0	0	0	0	0	0	1	1
6.3	2	2		1	1	2	1	1	-1	1	1	1	0	0	1	1	1	0	0
6.4	2	1	1		1	2	2	1	-2	1	2	2	0	0	1	1	1	0	1
6.5	2	2	1	2		2	3	3	2	1	2	2	0	1	1	1	1	1	1
6.6	2	1	2	1	1		1	1	-1	1	1	1	0	0	1	1	1	1	-1
6.a	3	3	1	1	2	2		2	1	2	2	2	0	1	1	1	1	1	1
6.b	3	3	2	1	3	1	1		1	1	2	2	0	0	0	0	0	0	1/-1
2.1	-1	0	0	-2	0	-1	-1	0		3	2	1	1	1	0	0	1	1	1
2.2	-1	0	0	0	0	0	1	1	3		1	1	0	0	0	0	0	0	0
2.3	-1	-1	-1	-3	-1	-3	-1	-1	2	3		2	0	3	0	1	1	0	1
2.4	1	-1	-1	1	0	1	1	1	-1	-1	1		0	1	0	1	1	1	0
2.5	0	0	0	0	0	0	0	0	1	1	1	1		2	0	0	0	0	0
2.a	-1	0	1	1	0	1	1	0	3	3	3	3	3		1	1	1	0	1
7.1	-1	1	-2	-2	-1	-2	1	0	1	1	1	-1	0	0		1/-1	2	2	3
7.2	1/-1	0	1	1/-1	1	1/-1	1	0	1/-1	1/-1	1	1	0	1	1/-1		2	2	1
7.3	-1	0	-1	1	1	1/-1	1	0	1	1	1	1	0	0	3	2		2	2
7.a	1/-1	0	3	3	1	3	1	1	0	0	1	1	0	0	2	2	2		2
7.b	1/-1	2	2	2	1	1/-1	1	0	1	1	1	1	0	0	3	3	3	3	