

University of Groningen

Living in a changing world

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Living in a changing world

How the early-life environment influences animal and human
ability to cope with change

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The research presented in this thesis was carried out at the Behavioural Ecology and Self-Organization (BESO) group of the Groningen Institute for Evolutionary Life Sciences (GELIFES) of the University of Groningen (The Netherlands), in cooperation with the Interdisciplinary Center Psychopathology and Emotion Regulation (ICPE) at the University Medical Center Groningen. Research was conducted according to the requirements of the Graduate School of Science (Faculty of Mathematics and Natural Sciences, University of Groningen). The research was supported by a Ubbo Emmius grant from the University of Groningen to M. Rohaa Langenhof. Additional financial support was received from Schure-Beijerinck-Popping Fund of the Royal Netherlands Academy of Arts and Sciences.

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Dedication

To the upcoming generations, who get to live in a world beautifully different from anything those before ever experienced. Live. Love. Follow your dreams.

Don't let the attitudes that made sense to those who came before you, dictate the future you create for yourselves and your planet. Be different. Be better! Have fun.

There is a river flowing now very fast.
It is so great and swift,
that there are those who will be afraid,
who will try to hold on to the shore,
they are being torn apart and will suffer greatly.

Know that the river has its destination.
The elders say we must let go of the shore,
push off into the middle of the river,
and keep our heads above water.

And I say,
see who is in there with you
and celebrate.

Hopi Elder, Arizona, June 8 2000

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