

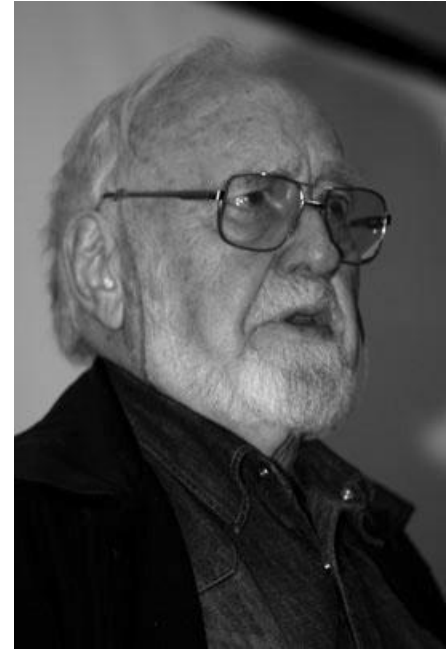
Permaculture's Place in Higher Education

A Global Initiative

Graham Brookman and
Dr Keri Chiveralls

Permaculture Education - Beginnings

- Bill Mollison and David Holmgren originate the concept in 1975
- Bill travels the World
- Permaculture One published in '78
- Permaculture Two published in '79
- First short course, in Tasmania '79
- Institute and certificates. Dreams of an Academy
- Teaching PDCs and affiliated short courses proliferate
- The Designers Manual '88
- Bill moves to Tyalgum NSW



Explosive growth around the World

- 'In grave danger of falling food' awakens mainstream Australians '89
- 'Global Gardener' reaches worldwide '91
- David Holmgren starts teaching PDCs and continues publishing
- Bill returns to Tasmania 1997
- PRI moves to the Channon with Geoff Lawton and offers courses in '02
- 'Permaculture pathways' published in multiple languages 2002
- Gaia Uni (UK) presents Masters '04
- APT starts in Oz '05 - Challenges are presented by academic and business models (note APT pres Saturday)



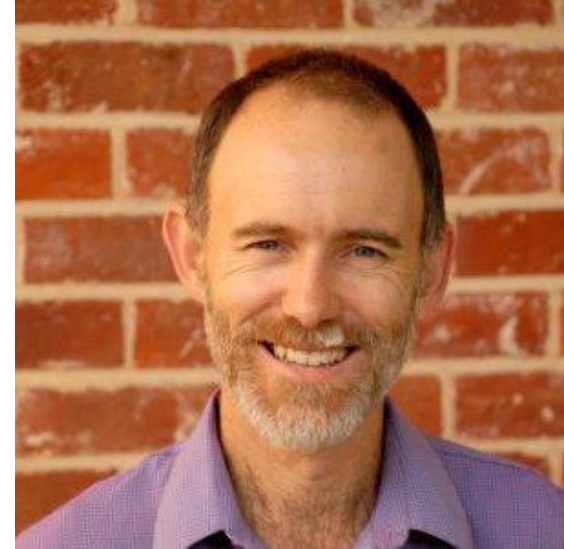
Permaculture education for a World in crisis

- Climate change, sea level rise, refugees, economic instability – the public awakes
- More Uni graduates do PDCs
- Permaculturists realise they can now work from top-down too
- Recognised universities and polytechnics worldwide dip their toes into the new discipline with a range of subjects & workshops
- Success of permaculture as an overlay on undergrad training is evidence of its right as a discipline



Jake Bugden

- Chemical Engineering graduate
- Undertook PDC, built own composting toilet changed track into sustainable engineering
- Founded 'Sustainable Focus' – projects saving millions of kWhs of electricity annually. Created large photovoltaic projects
- Organised 'Permaculture Street' (Gething Cres)
- Past President Wilderness Society
- Undertook water audit of million person city which showed the potential for it to catch all the water it needs
- New company – 'The Energy Project'
- Young Australian of the Year Environmental Award



Nat Wiseman

- Trained in Science, Landscape Design and with a Masters in Planning
- Undertook PDC and founded Wagtail urban farm
- Now director of Village Greens, operating at Aldinga Ecovillage and servicing multiple markets



James Ward

- Qualified in Environmental Science, Civil Engineering and Hydrology
- Did a PDC and has crafted a role at the University of SA as Director for Postgraduate Studies in Water, Engineering and Environmental Science
- Teaches and researches in aquaponics, urban food production, water management
- Advisory Board member for Grad Perm programs



Keri Chiveralls

- Graduated with a PhD in Anthropology and Social Inquiry
- Participated in drafting for the United Nations Conference on Sustainable Development in 2012,
- Lectured in Social and Community Planning and Sustainable Development at the University of SA
- Got involved in the natural building and transition movements in Australia
- Did a PDC and became Coordinator of Graduate Programs in Permaculture at the Central Queensland University



Why Establish Permaculture in Higher Education?

- Expand the scope and reach of permaculture
- Conduct applied research into sustainable and ethical systems
- Provide new pathways for people to engage with permaculture
- Collate expertise of permaculture practitioners from around the world
- Embed permaculture ethics within higher education institutions



BE WHAT **YOU** WANT TO BE
cqu.edu.au

Planning for nested qualifications

Graduate Certificate - 1 year part time, includes PDC with David Holmgren

Grad Diploma – 1 year part time extends design skills and involves major projects

Masters - 1 year part time involves research and/or major projects

Partner locations in Australia and Asia
Wanting to discuss possibilities in
Europe, USA, other?



BE WHAT YOU WANT TO BE
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Why Permaculture at CQUniversity?

- Comprehensive regional university working at the edges and valuing the marginal
- Long-term commitment to community engagement and social enterprise at local level
- Specialised focus on non-traditional students (rural, low SES, indigenous, mature age, international)
- Low cost university fees (relative to other Australian Universities)
- Top tier university in Australia for land-use, agriculture/horticulture



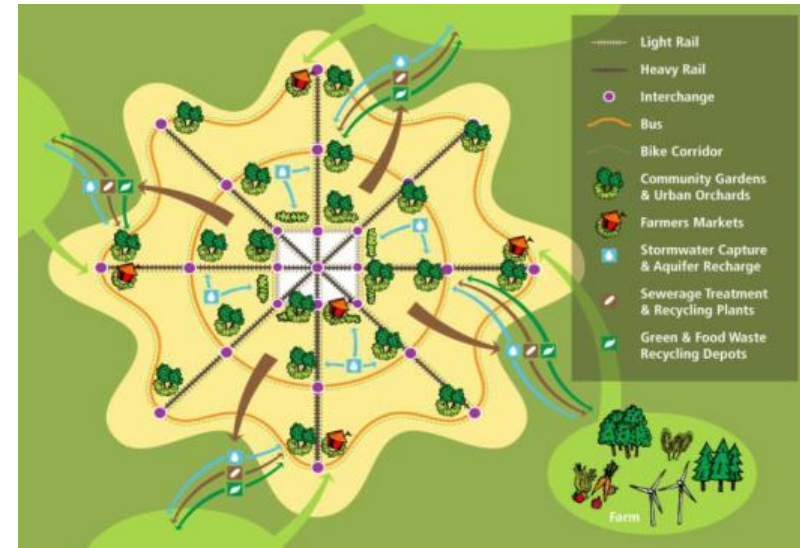
What is CQUni Offering in 2016?

- Graduate Certificate in Permaculture Design
- Commencing Term 1 of 2016 (early March to early June)
- Applications open end of August - offers made from October
- 1 year part-time program available internationally
- Fees to be announced in October
- Australian Residents may be eligible for education loans (FeeHELP)
- International scholarships may be available for suitable applicants



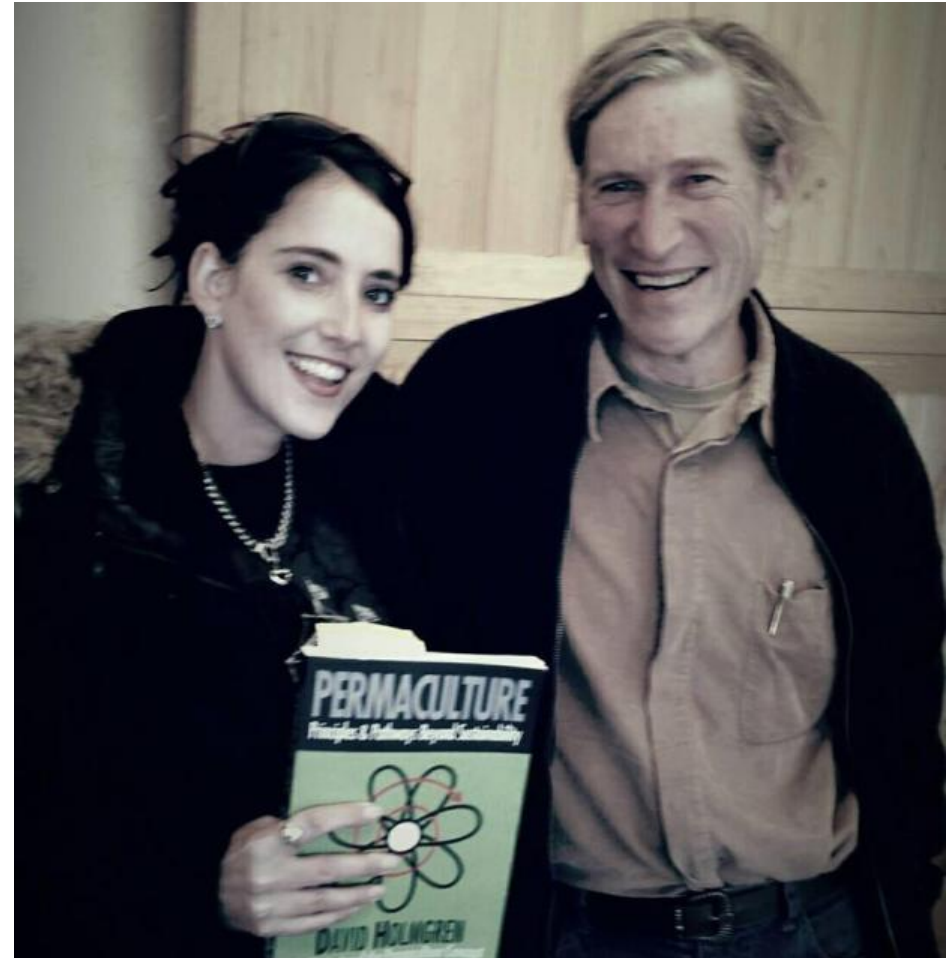
Entry and Program Delivery

- Quality content delivered globally via distance learning and hands-on residential schools in a variety of climates
- International team of permaculture experts
- Entry requirement for the program at this stage is a Bachelor Degree in any relevant discipline
- Apply for course credit for previous related study



Who is involved in delivering the programs?

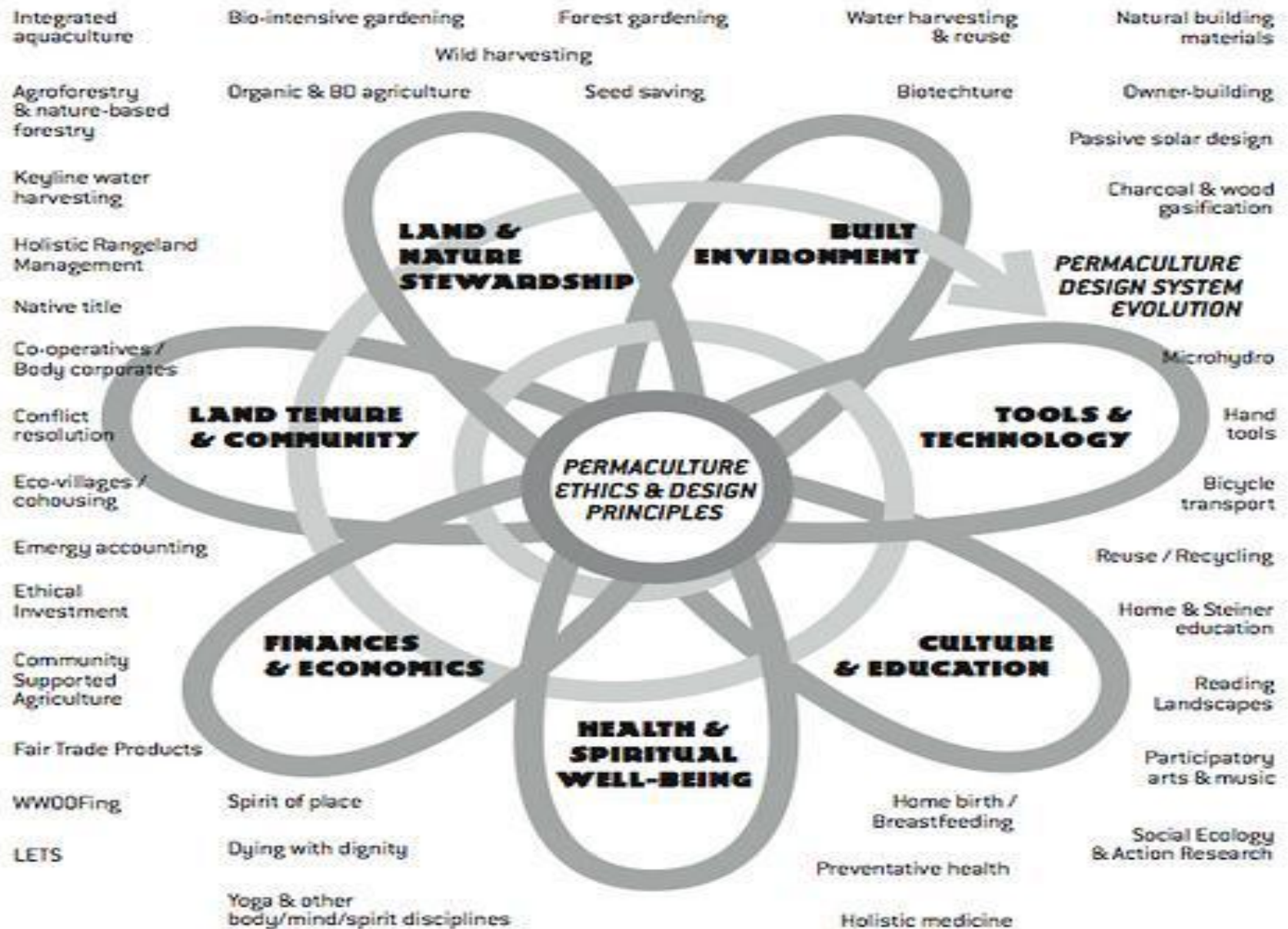
- David Holmgren co-founder of Permaculture is guiding the development of the programs
- A range of lecturers, designers, researchers and practitioners from permaculture and a range of other professions will deliver core content
- Experts from Australia and around the world will discuss permaculture issues on-line with students'
- Keri Chiveralls is the program Coordinator, based in Adelaide



Permaculture – More than chooks and compost?



Domains covered by permaculture design



Courses making up the Grad Certificate



1. Introduction to Permaculture:
Ethics and Principles

2. Creating Permaculture
Solutions

3. Sustainable Agriculture and
Organics

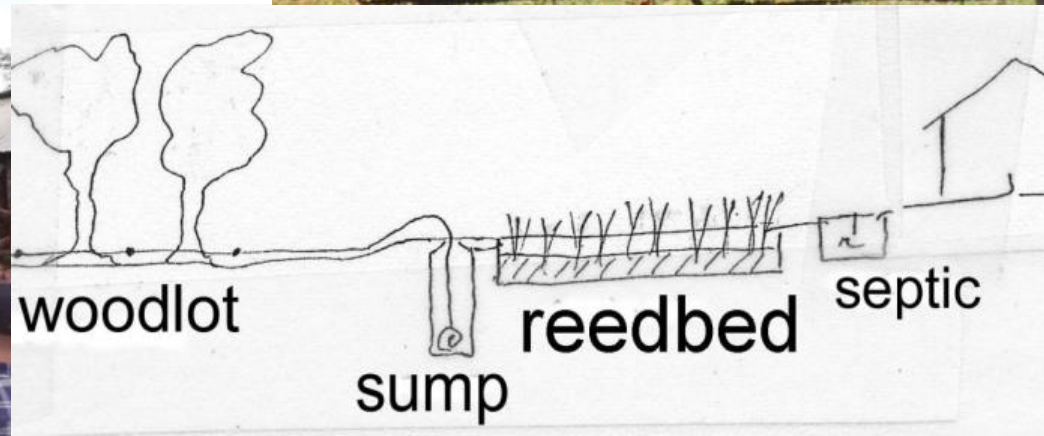
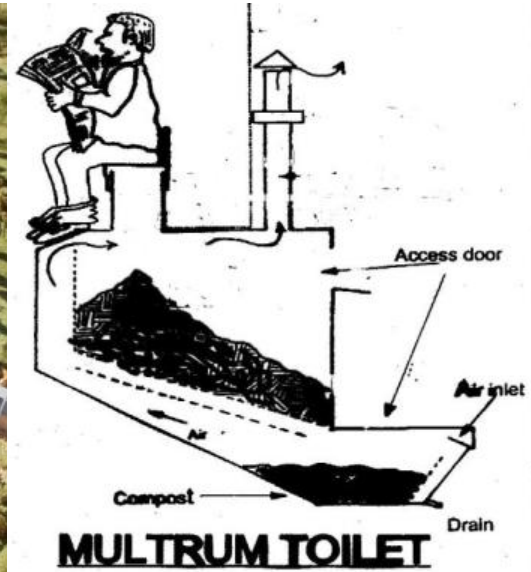
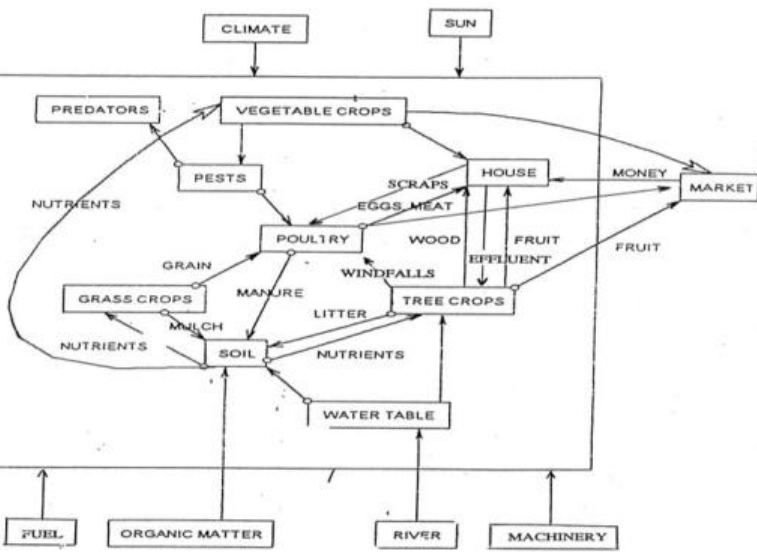
4. Permaculture Design in
Practice
includes a capstone project
(like the Greenstone Project)

Also includes face-to-face
Residential School at locations
like The Food Forest and Kul Kul
Farm at Green School Bali

<https://www.youtube.com/watch?v=IHfJk0P5nJg>

Teaching locations for intensive residentials

The Food Forest South Australia





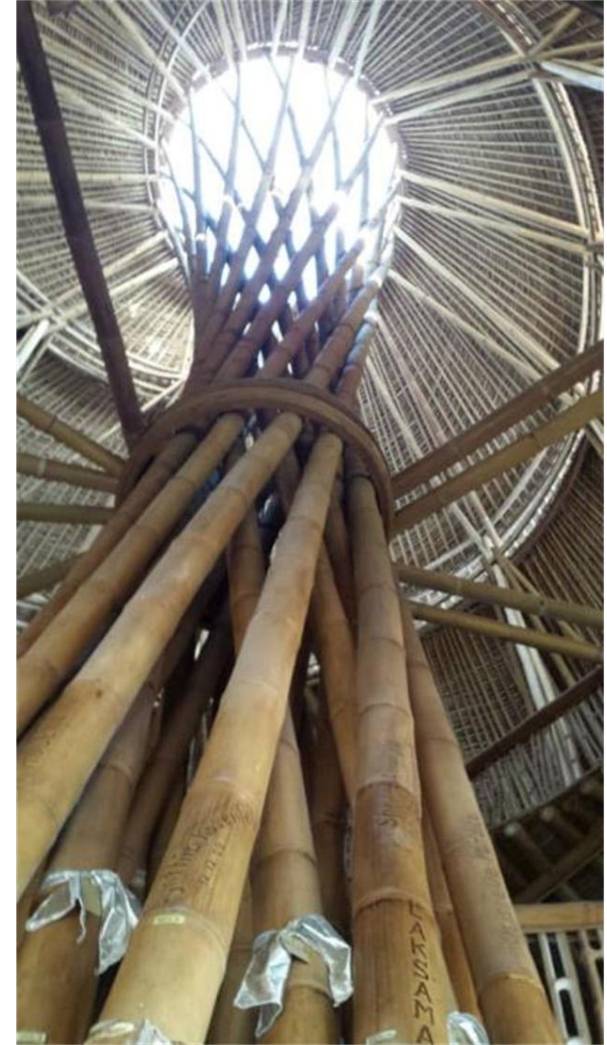
Green School Bali



Green School Bali



Green School



Green School Bali



The Kul Kul Farm Bali

greenschool
Bali, Indonesia



The Kul Kul Farm Bali



Why Study Permaculture at CQUniversity?



- Take your skills to a new level and in a fresh direction
 - Inject sustainable design into your professional tool kit so you can help solve the World's big challenges
- Work with and learn from a range of permaculture experts and practitioners from around the world
- Achieve an internationally recognised post-graduate qualification from an accredited university



How Will This Benefit the World?

- Empower you to apply your skills and expertise in new (old) ways to create ethical and sustainable solutions
- Shift the full range of human endeavours toward a framework for sustainable occupation of the planet
- Establish Permaculture as a recognised professional discipline with the ability to influence policy makers at the highest level



How can I find out more?

Dr Keri Chiveralls

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Lecturer/Permaculture
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