# TABLE OF CONTENTS

## 1 INTRODUCTION

## 2 SHALLOW ACTIVE TECTONIC REGIONS

2.1 Abrahamson and Silva – 1997

2.2 Boore, Joyner and Fumal – 1997

2.3 Campbell – 1997

2.4 Sadigh, Chang, Egan, Makdisi and Youngs – 1997

2.5 Spudich, Joyner, Lindh, Boore, Margaris and Fletcher – 1999

2.6 Field – 2000

2.7 Campbell and Bozorgnia – 2003

2.8 Abrahamson and Silva – 2008

2.9 Boore and Atkinson – 2008

2.10 Campbell and Bozorgnia – 2008

2.11 Chiou and Youngs – 2008

2.12 Idriss – 2008

2.13 Graizer and Kalkan – 2009

## 3 SHALLOW STABLE TECTONIC REGIONS

3.1 Toro, Abrahamson and Schneider - 1997

3.2 Somerville, Collins, Abrahamson, Graves and Saikia – 2001

3.3 Campbell – 2003

3.4 Silva, Gregor and Darragh – 2003 & Silva, Gregor and Lee – 2004

3.5 Atkinson and Boore - 2006

3.6 Atkinson – 2008

## 4 SUBDUCTION ZONES

4.1 Youngs, Chiou, Silva and Humphrey - 1997

4.2 Gregor, Silva, Wong and Youngs - 2002

4.3 Atkinson and Boore - 2003

## 5 OTHER PARTS OF THE WORLD

5.1 Australia: Somerville, Graves, Collins, Song, Ni, and Commis – 2009

5.2 Europe: Fukushima, Berge-Thierry, Volant, Giro-Pommera, and Cotton – 2003

5.3 Europe/Middle East: Ambrosey, Douglas, Sarma and Smit – 2005

5.4 Europe/Middle East: Akkar and Bommer – 2010

5.5 Greece: Danciu and Tselentis – 2007

5.6 India: Sharma – 1998

5.7 Japan: Kanno, Narita, Morikawa, Fujihara and Fukushima – 2006

5.8 Japan: Zhao, Zhang, Asano, Ohno, Oouchi, Takahashi, Ogawa, Irikura, Thio, Somerville, Fukushima and Fukushima – 2006

5.9 New Zealand (crustal): McVerry, Zhao, Abrahamson and Somerville – 2006

5.10 New Zealand (subduction): McVerry, Zhao, Abrahamson and Somerville – 2006

5.11 Puerto Rico: Motazedian and Atkinson – 2005

5.12 Taiwan: Lin and Lee – 2008

5.13 Turkey: Gulkan and Kalkan – 2002

5.14 Turkey: Kalkan and Gulkan – 2004

## 6 OTHER PARAMETERS

6.1 Arias Intensity: Travesarou, Bray and Abrahamson – 2003

6.2 Arias Intensity: Lee and Green – 2009

6.3 Characteristic Period: Rathee, Faraj, Russell and Bray – 2004

6.4 Characteristic Period: Lee and Green – 2009

6.5 Damping Correction Factors: Cameron and Green – 2007

6.6 Duration (Bracketed and Effective): Lee and Green – 2009

6.7 Duration (Significant): Lee and Green – 2009

6.8 Equivalent Number of Stress & Strain Cycles: Lee and Green – 2009

6.9 Duration (Significant, Bracketed and Uniform): Bommer, Stafford and Alarcón – 2009