

DR2004010

## DATA REPOSITORY

Table DR1: Major earthquakes recorded in El Salvador from 1912 to Feb. 2003. Data from White and Harlow (1993) and from Harvard seismic catalog.

EVENT_ID	MONTH	DAY	YEAR	TIME	LAT.	LONG.	DEPTH (km)	M <sub>B</sub>	M <sub>S</sub>	M <sub>W</sub>	AREA
HIS1912	7	19	1912	00:00:00	13.87	-89.53			5.9		EL SALVADOR
HIS1917A	6	8	1917	00:55:00	13.7	-89.5			6.5		EL SALVADOR
HIS1917B	6	8	1917	01:30:00	13.75	-89.27			6.4		EL SALVADOR
HIS1919	4	28	1919	06:45:00	13.69	-89.19			5.9		EL SALVADOR
HIS1936	12	20	1936	02:43:00	13.72	-88.93			6.1		EL SALVADOR
HIS1937	12	25	1937	23:50:00	13.93	-89.78			5.8		EL SALVADOR
HIS1947	1	26	1947		12.2	-86.3			6.7		NICARAGUA - EL SALVADOR
HIS1951A	5	6	1951	23:03:00	13.52	-88.4			6		EL SALVADOR
HIS1951B	5	6	1951	23:08:00	13.52	-88.4			6.2		EL SALVADOR
HIS1965	5	3	1965	10:01:00	13.7	-89.17			6		EL SALVADOR
B090377B	9	3	1977	22:33:07.0	12.54	-87.53	79	5.3			NEAR COAST OF NICARA
B120678B	12	6	1978	11:53:34.0	13.15	-89.64	33	5.8	5.9	6.0	EL SALVADOR
B121878B	12	18	1978	02:31:27.1	12.99	-88.26	85	5.3		5.6	EL SALVADOR
B080180A	8	1	1980	08:16:17.5	12.69	-87.47	78	5.2		5.6	NEAR COAST OF NICARA
B110781C	11	7	1981	22:02:49.0	14.6	-90.42	200	5.3		5.9	GUATEMALA
B011282B	1	12	1982	05:48:17.2	13.18	-87.59	4	5.8	6		HONDURAS
B030482B	3	4	1982	11:41:03.1	13.26	-88.99	76	5.2		5.5	EL SALVADOR
B042782A	4	27	1982	00:14:03.1	14.53	-87.72	33	5	4.6		HONDURAS
C061982A	6	19	1982	06:21:57.4	13.25	-89.4	83	6.1		7.3	EL SALVADOR
B070282A	7	2	1982	11:59:36.8	12.98	-89.29	81	5		5.9	OFF COAST OF CENT. A
B072682A	7	26	1982	10:34:58.6	13.37	-89.06	67	5.1			EL SALVADOR
B092982B	9	29	1982	05:50:32.3	14.51	-89.05	12	5.5	5.3	6.0	GUATEMALA
B092982C	9	29	1982	03:48:00.1	14.55	-89.13	15	5.1	4.4		GUATEMALA
B102782C	10	27	1982	07:41:03.3	13.49	-89.33	72	5.1		5.8	EL SALVADOR
B103182B	10	31	1982	06:03:04.5	14.15	-90.19	97	5.3		6.2	GUATEMALA
B042983A	4	29	1983	01:02:19.2	13.42	-89.18	82	4.9		5.6	EL SALVADOR
B101983B	10	19	1983	09:33:09.1	12.61	-87.67	67	5.2			NEAR COAST OF NICARA
B073084D	7	30	1984	21:32:59.7	13.34	-90.07	79	5		5.5	NEAR COAST OF GUATEM
B110284B	11	2	1984	03:48:01.1	13.23	-89.96	80	5.3			EL SALVADOR
B031085D	3	10	1985	19:33:13.7	13.46	-89.04	83	5.2		5.8	EL SALVADOR
B060385A	6	3	1985	02:45:32.1	13.13	-90.18	70	5.1			NEAR COAST OF GUATEM
B060485C	6	4	1985	11:04:20.2	13.36	-89.94	61	5	5.1		EL SALVADOR
B101285C	10	12	1985	20:29:24.5	13.19	-89.63	75	5.2		5.8	EL SALVADOR
B080286B	8	2	1986	17:49:26.1	13.06	-88.85	86	5.2		5.6	EL SALVADOR
B101086A	10	10	1986	17:49:23.7	13.83	-89.13	5	5	5.4	5.7	EL SALVADOR
B102186G	10	21	1986	21:09:36.0	13.33	-90.06	45	5.1	5.2	5.7	NEAR COAST OF GUATEM
B121986B	12	19	1986	10:39:11.8	12.62	-88.39	33	5.1	4.6		OFF CNTRL AMERICAN C

B091387A	9	13	1987	11:20:50.9	14.22	-89.91	115	5.1	5.8	GUATEMALA	
B101487E	10	14	1987	19:06:00.2	13.39	-89.56	78	5.1	5.7	EL SALVADOR NEAR NICARAGUA COAST	
B011189C	1	11	1989	22:28:03.4	12.6	-87.84	78	5			
B042889B	4	28	1989	07:48:19.4	13.25	-89.67	58	5.2		EL SALVADOR NR NICARAGUA COAST	
B051289A	5	12	1989	22:25:25.1	12.89	-87.78	57	5.4		NEAR NICARAGUA COAST	
B011290A	1	12	1990	03:24:58.5	12.59	-87.52	87	5.3		NEAR COAST OF GUATEM	
B042090B	4	20	1990	20:33:37.8	13.2	-90.11	75	5.1			
B121190B	12	11	1990	08:57:34.7	13.2	-89.79	33	5	4.6	EL SALVADOR	
B041291A	4	12	1991	08:41:31.0	13.13	-88.41	68	5.1		EL SALVADOR	
B062191F	6	21	1991	06:27:37.5	13.3	-89.79	56	5.4	5.4	5.8	EL SALVADOR
B091191A	9	11	1991	04:39:52.6	13.08	-89.55	66	4.7			EL SALVADOR NEAR COAST OF GUATEM
B052392C	5	23	1992	10:30:33.9	13.36	-90.01	63	5.4	6.0		OFF CNTRL AMERICA CO
B060692F	6	6	1992	15:51:41.0	12.73	-88.28	69	5.2	5.6		
B061293D	6	12	1993	11:15:07.1	13.19	-87.56	218	5.4	5.9		HONDURAS NEAR COAST OF GUATEM
B091293B	9	12	1993	03:22:38.5	13.81	-90.47	69	5.6			NEAR COAST OF NICARA
B110193D	11	1	1993	12:14:11.7	12.57	-87.78	73	4.9			
B101894A	10	18	1994	03:07:35.9	13.26	-89.22	84	5			EL SALVADOR
B072095B	7	20	1995	07:15:35.7	13.32	-89.9	75	4.9			EL SALVADOR
B072495A	7	24	1995	05:53:21.2	13.53	-89.62	87	4.9			EL SALVADOR
B072296C	7	22	1996	08:30:21.2	13.08	-88.72	61	5.2	5.6		EL SALVADOR OFF COAST OF CENTRAL
B121096D	12	10	1996	16:03:02.6	12.51	-88.93	33	5.2	5.1		OFF COAST OF CENTRAL
B121496E	12	14	1996	21:15:35.5	12.73	-88.79	33	5.2	5.2		OFF COAST OF CENTRAL
B121796C	12	17	1996	20:20:33.3	12.47	-88.92	33	4.8	5.2		
B121996A	12	19	1996	02:50:26.9	13.05	-89.96	33	5	5.1	5.5	EL SALVADOR
B050297B	5	2	1997	11:07:56.2	13.29	-89.96	33	4.9	4.3		EL SALVADOR
B051597B	5	15	1997	04:39:21.5	14.46	-89.78	274	4.9	5.5		GUATEMALA
B082497A	8	24	1997	00:59:51.6	13.55	-89.59	139	5.1	5.6		EL SALVADOR
C110997C	11	9	1997	22:56:42.8	13.85	-88.81	176	5.6	6.4		EL SALVADOR
C121897C	12	18	1997	15:02:00.3	13.84	-88.74	182	5.3	6.0		EL SALVADOR NEAR COAST OF GUATEM
C122297D	12	22	1997	10:03:45.2	13.74	-90.32	59	5.1			NEAR COAST OF NICARA
B060298B	6	2	1998	13:57:51.5	12.88	-87.95	100	5.1			OFF COAST OF CENTRAL
B062198A	6	21	1998	8: 3:54.2	12.85	-88.46	70	4.9			NEAR COAST OF NICARA
B040399B	4	3	1999	4:22:23.7	13	-87.92	33	5.1	4.9		
C040399D	4	3	1999	10:10:30.7	13.17	-87.63	38	5.5	5.7	6.1	HONDURAS NEAR COAST OF GUATEM
B071399C	7	13	1999	13: 2:30.6	13.75	-90.42	70	5.2	4.8		
B020100B	2	1	2000	02:00:10.7	13.01	-88.85	55	4.9	4.4		EL SALVADOR
C011301C	1	13	2001	17:33:32.4	13.05	-88.66	60	6.4	7.8	7.7	EL SALVADOR
B011401C	1	14	2001	22:41:28.5	13.12	-88.59	49	5.2	5.2	5.7	EL SALVADOR OFF COAST OF CENTRAL
B011501A	1	15	2001	00:22:56.6	12.99	-88.76	68	4.9	4.5	5.3	
B011501B	1	15	2001	05:09:11.3	13.18	-88.79	68	5	4.8	5.6	EL SALVADOR
B011501F	1	15	2001	12:20:10.4	13.08	-88.58	75	5.1	5.1	5.8	EL SALVADOR
B011601A	1	16	2001	08:22:09.8	13.02	-88.6	44	5.2	5.2	5.7	EL SALVADOR
B011601B	1	16	2001	10:58:17.0	12.98	-88.7	63	5.4	5.1	5.7	OFF COAST OF

											CENTRAL
B011701A	1	17	2001	01:40:15.9	13.02	-88.93	45	4.9	4.7	5.4	EL SALVADOR OFF COAST OF
B012501C	1	25	2001	10:28:51.8	12.91	-88.88	33	5.3		5.6	CENTRAL OFF COAST OF
B020201C	2	2	2001	08:10:40.9	12.82	-88.97	54	5.1	5.1	5.7	CENTRAL
B020701C	2	7	2001	10:23:09.8	13.21	-88.94	64	5.3	5.2	5.8	EL SALVADOR
C021301B	2	13	2001	14:22:05.8	13.67	-88.94	10	5.5	6.5	6.6	EL SALVADOR
B021701B	2	17	2001	01:17:31.4	13.06	-88.91	33	5	4.8	5.5	EL SALVADOR
B031601A	3	16	2001	00:01:18.4	13.14	-88.7	49	5.2	5.8	5.9	EL SALVADOR NEAR COAST
B031801B	3	18	2001	15:43:21.3	12.54	-87.4	96	4.9	5.1	5.7	OF NICARA
B032901B	3	29	2001	06:54:28.3	13.08	-88.94	33	5.4	5.1	5.8	EL SALVADOR OFF COAST OF
B041001A	4	10	2001	03:16:49.1	12.85	-88.66	57	5		5.1	CENTRAL
B050801D	5	8	2001	18:02:16.9	13.6	-88.79	10	5.2	5.4	5.7	EL SALVADOR OFF COAST OF
B060201A	6	2	2001	19:36:33.1	12.79	-88.09	63	4.7	4.7	5.3	CENTRAL OFF COAST OF
B091801F	9	18	2001	14:51:05	12.74	-89.28	37	5.1	4.8	5.5	CENTRAL AM NEAR COAST
B031702E	3	17	2002	09:01:01.3	12.51	-88.19	54	5			OF NICARAGUA OFF COAST OF
B112002A	11	20	2002	18:19:39.9	12.65	-88.54	25	5.1			CENTRAL AM
B021203A	2	12	2003	10:33:15.4	12.6	-89.16	48	4.9	4.4		EL SALVADOR

Figure DR-1: Location of great historical events (White and Harlow, 1993) and those registered with Mw  $\geq 5.0$  or equivalent (Harvard catalog).

Figure DR2: Fault planes of main shocks fitted to aftershocks of the first three days after the 2001 main shocks, with the epicentres and the outline of El Salvador. A. Representation for the 13 January Mw 7.7 event. The fault trace is subparallel to the coast. B. Representation for the 13 February Mw 6.6 event.

Table DR-1: Major earthquakes recorded in El Salvador from 1912 to Feb. 2003. Data from White and Harlow (1993) and from Harvard seismic catalog.

## DATA REPOSITORY FIGURE Dr1

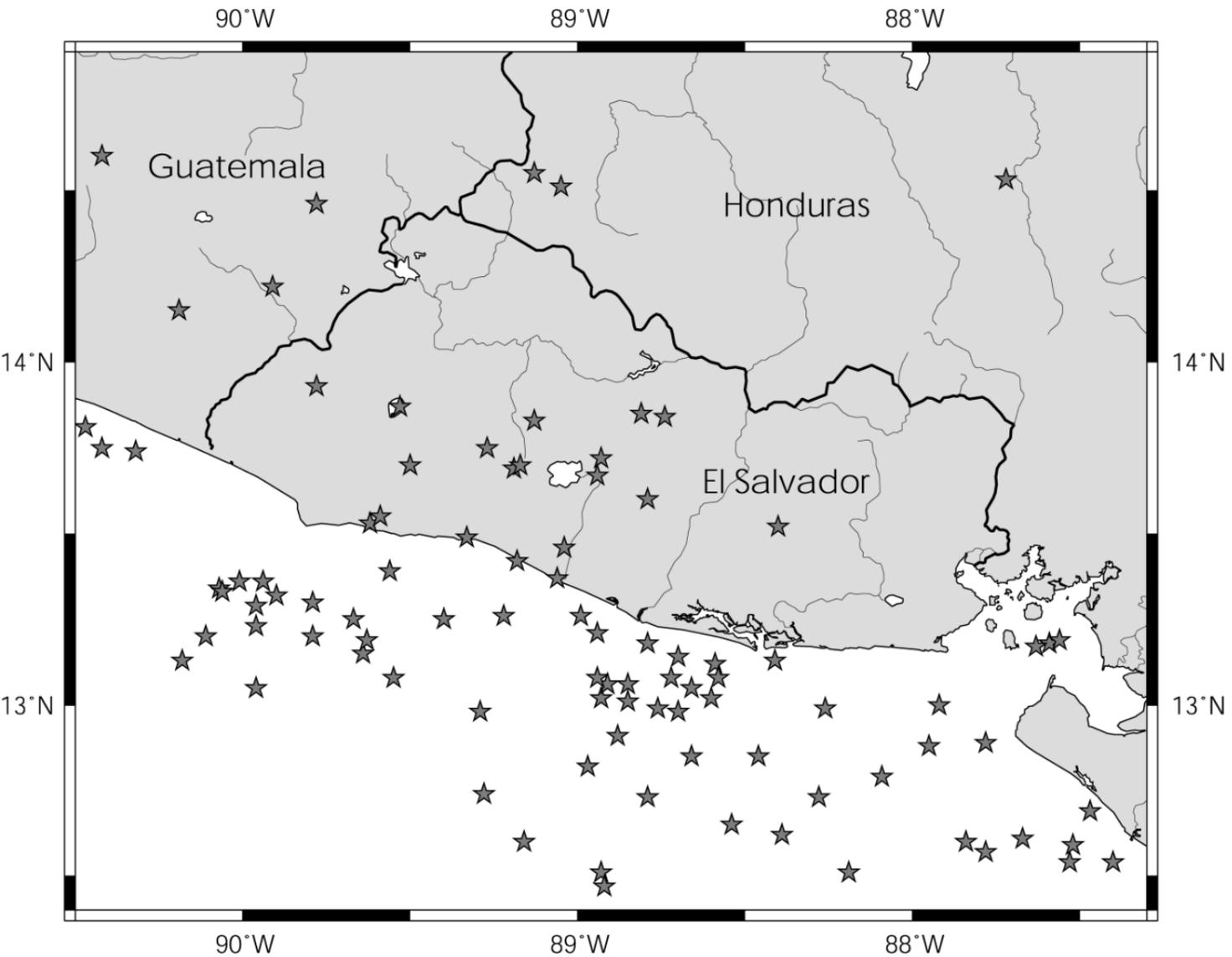
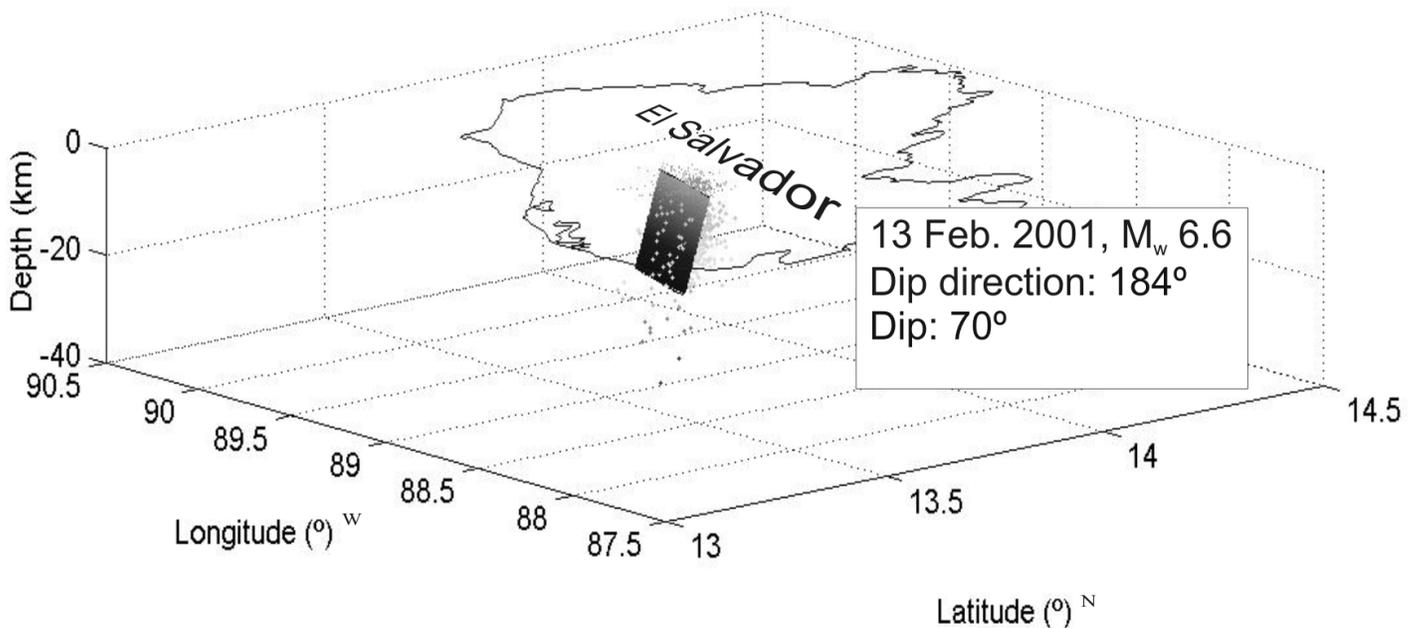
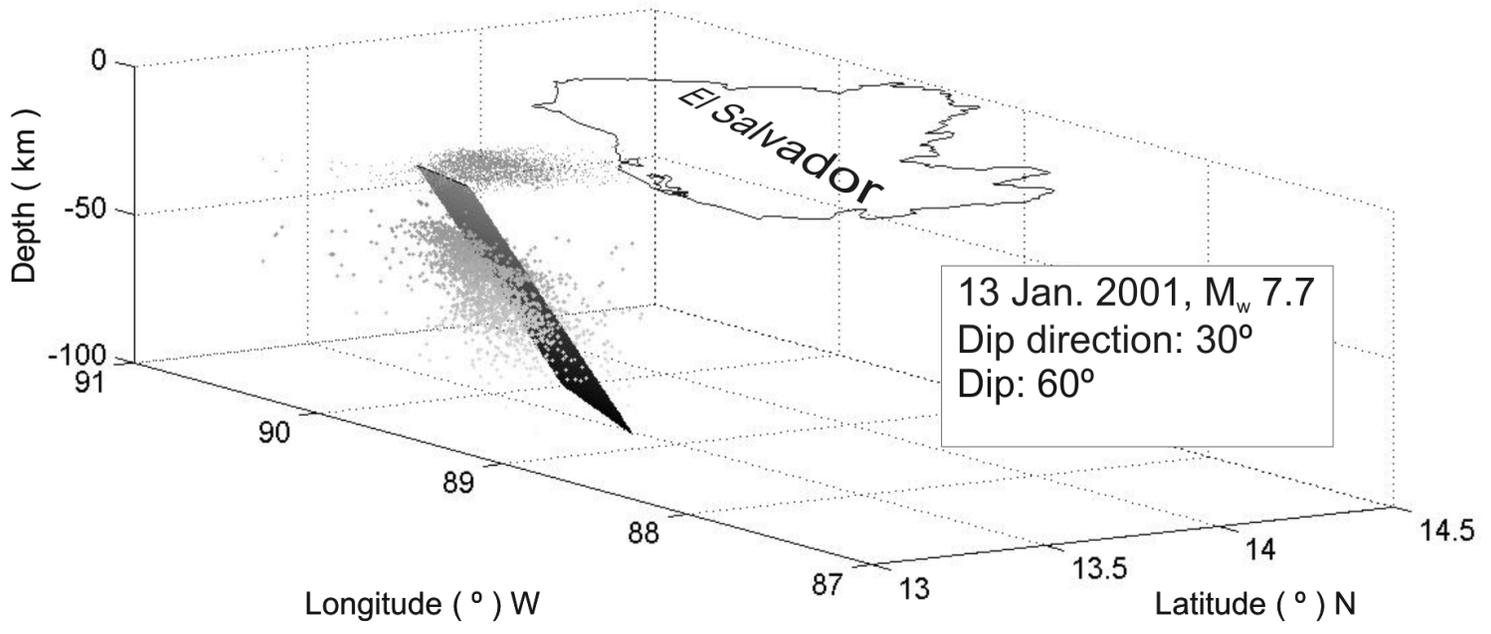


Fig. DR1 Location of great historical events (White and Harlow, 1993) and those registered with MW = 5.0 or equivalent (Harvard CMT catalog).

## DATA REPOSITORY FIGURE DR2



**Figure DR2.** Fault planes of main shocks fitted to aftershocks of the first three days, with the epicentres and the outline of El Salvador. **A.** Representation for the 13 January  $M_w$  7.7 event. The fault trace is subparallel to the coast. **B:** Representation for the 13 February  $M_w$  6.6 event.