

SDI-12 Support Group
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Newsletter, January 2020

Because there were no technical issues about SDI-12 between November 2018 and November 2019, the Board of Directors decided not to have an annual meeting of the SDI-12 Support Group in 2019.

In lieu of posting minutes, as we do after each meeting, here is a short newsletter about the activities of the Support Group since the last meeting, which was held in Baltimore, Maryland in November of 2018.

Status of the Support Group

The Support Group remains in good standing with the Internal Revenue Service (IRS) and the State of Utah.

As required, a 990EZ, Return of Organization Exempt from Income Tax, was filed with the IRS on May 15, 2019.

The Support Group's registration for the Utah Department of Commerce, Division of Corporations, was renewed on November 12, 2019 and remains valid until 12/31/2020.

Technical Support

Members of the technical committee continued answering questions about SDI-12, almost always by email, asked by various companies.

Financial Status

As of January 1, 2020, the Group has \$ 5,640.26 in cash.

At the November 2018 meeting of the Support Group, it was found that the financial report for 2017-2018 presented at the meeting had two mistakes, as reported in the minutes of that meeting:

"It was discovered the fees imposed on the Support Group for PayPal and credit card fees, totaling \$56.31 were not listed as an expense, and therefore the total dues received was off by \$56.31. In addition, one company was credited with paying the dues of \$300.00 twice, another error."

This was corrected in the SDI-12 books. Therefore, here is a financial summary for past two years (November 8, 2017 to December 1, 2019), rather than the past year:

Revenue

\$ 15.00 deposits, by NR Systems, Inc., to open a PayPal Account for the Support Group
\$ 5,700.00 received in membership dues

\$ 5,715.00 total revenue

Expenses

\$ 78.81 PayPal fees in 2018

\$ 81.00 PayPal fees, to date, 2019

\$ 695.00 registration fee to American Water Resources Association (AWRA) for 2017 conference/SDI-12 Support Group Meeting Room

\$ 595.00 registration fee to AWRA for 2018 conference/SDI-12 Support Group Meeting Room

\$ 1,176.97 travel expenses, Mike Jablonski, NR Systems, Inc., for the 2017 meetings in Portland

\$ 1,115.21 travel expenses, Jerry Calhoun, Ott/Sutron, for the 2017 meetings in Portland

\$ 591.31 travel expenses, Mike Jablonski, NR Systems, Inc., for the 2018 meetings in Baltimore

\$ 4,333.30 total expenses

\$ 1,381.70 net income

Mobile Friendly/Adaptive Website

At the 2018 meeting, Chairman Mike Jablonski proposed upgrading the internals of the website, www.sdi-12.org, making it mobile friendly, so users can read it on small mobile devices and smart phones. This was accomplished and finished on December 16, 2018. This was made possible using an open source framework called Bootstrap, letting Bootstrap manage the complexity of scaling up and down, as needed, for computer screens of all sizes.

Review of Website Traffic

The following website traffic data, for www.sdi-12.org was presented at the 2017 and 2018 meetings. Here is an update adding the same information, and more, for the past year.

	Nov 1, 2017	Oct 26, 2018	Nov 30, 2019
Visitors - Dec. 1, 2018 through Nov. 30, 2019			
Total			8,804
Unique			7,986
New			6,429
Returning			1,557
Page Views			20,242
Bounce Rate			30%
Average daily visitors over the last 365 days	27.4	24.51	24.1
Average unique daily visitors over the last 365 days	24.4	not available	21.8
Average Daily Time per Visitor over the last 365 days	5.6 minutes	5.2 minutes	5.0 minutes
Average Daily Number of Actions	60.9	not available	57.3
Number of visits to the main page in the last 90 days	2,074	2,253	1,767
Number of visits to the specification Page in the last 90 days	1,695	1,103	951
Number of visits to Announcements in the last 90 days	483	374	246
Number of visits to Archives in the last 90 days	406	270	178
Number of visits to History in the last 90 days	239	139	105
Number of visits to Contact in the last 90 days	128	79	60

	Nov 1, 2017	Oct 26, 2018	Nov 30, 2019
Specification Downloads Since August 8, 2017	783	n/a	
Specification Downloads during 11-1-2018 to 10-26-2018	n/a	8,446	
Specification Downloads/Views, 10-27-18 to 11-30-19			12,348

Data Source – a program called Stats2, attached to the website.

The downloads/views of the SDI-12 Specification, however, are counted separately, by a PHP program. Each time someone clicks on the link to the SDI-12 Specification, the PHP program increments the count by one. Logic is in that program to avoid counting clicks by robots.

In addition, Google Analytics was added to the website on March 1, 2019. Unlike Stats2, however, Google Analytics does not report “unique visitors,” which is defined as unique Internet Protocol (IP) addresses accessing the site. Multiple visits during the reporting period by the same IP addresses, are counted only once by Stats2.

Here is a summary from Google Analytics, from March 1 to November 30, 2019.

Users	5,409
New Users	5,400
Sessions	6,784
Bounce Rate	62%
Average Session Duration	1 minute 15 seconds
Page Views	12,894
Pages/Session	1.9
New Visitors	87.8%
Returning Visitors	12.2%

It’s interesting to see that Google reports a higher [bounce rate](#), and less time for each visit, than Stats2.

Here are the demographics, reporting website users by country, as reported by Google Analytics (March 1, 2019 to November 30, 2019):

Demographics by Country, from Google Analytics

Country	Users	New Users	Sessions	Bounce Rate	Pages / Session	Avg. Session Duration
United States	1391	1384	1743	62.36%	2.00	65.70
China	528	528	591	80.20%	1.67	58.19
Japan	465	465	518	78.57%	1.54	47.99
Canada	387	387	469	67.16%	1.66	54.73
Australia	207	208	280	43.57%	2.09	81.55
Germany	182	182	228	43.86%	2.14	65.66
United Kingdom	167	166	224	46.43%	2.21	104.27
France	160	159	196	63.27%	1.80	53.30

Country	Users	New Users	Sessions	Bounce Rate	Pages / Session	Avg. Session Duration
South Korea	157	157	183	67.21%	1.85	73.17
Argentina	140	140	153	92.81%	1.08	12.91
Spain	114	115	156	50.00%	1.97	141.18
India	104	103	154	64.94%	1.81	76.13
Brazil	77	77	107	53.27%	2.14	125.15
Italy	71	71	102	57.84%	2.06	178.84
Netherlands	67	67	82	42.68%	2.28	89.15
New Zealand	58	58	71	52.11%	2.08	72.62
Chile	57	56	68	51.47%	1.84	118.78
Turkey	56	56	68	61.76%	1.91	89.26
Switzerland	51	51	61	36.07%	2.43	149.23
Poland	50	49	83	36.14%	2.28	116.51
Hong Kong	48	48	57	73.68%	1.86	121.05
South Africa	47	47	57	54.39%	1.98	68.05
Austria	42	42	54	37.04%	2.50	151.74
Russia	40	39	64	54.69%	1.95	138.47
Taiwan	39	40	45	57.78%	2.16	92.60
Sweden	34	34	46	43.48%	2.04	96.37
Mexico	33	33	43	53.49%	2.12	150.21
Vietnam	32	32	47	63.83%	1.85	91.66
Colombia	31	31	36	58.33%	1.97	120.72
Indonesia	29	28	49	59.18%	2.31	215.57
Norway	29	29	34	76.47%	1.59	13.24
Finland	28	28	32	56.25%	1.75	49.22
Czechia	27	26	33	48.48%	1.88	26.85
Belgium	26	24	34	38.24%	2.88	59.35
Ukraine	26	26	40	57.50%	2.18	102.28
Israel	24	24	28	67.86%	1.61	57.64
Portugal	22	22	27	51.85%	2.04	48.33
Denmark	21	22	30	40.00%	2.17	32.33
Peru	19	18	26	80.77%	1.42	44.46
Singapore	19	18	21	42.86%	2.05	65.86
Slovakia	18	18	55	40.00%	2.15	25.78
Thailand	18	18	21	57.14%	2.00	124.76
Malaysia	17	17	20	80.00%	1.55	94.10
Egypt	16	16	19	78.95%	1.74	20.21
Pakistan	14	14	24	70.83%	1.92	85.88
(not set)	14	14	14	85.71%	1.21	33.93
Croatia	13	13	15	53.33%	2.00	63.60
United Arab Emirates	12	12	14	71.43%	2.21	79.64

Country	Users	New Users	Sessions	Bounce Rate	Pages / Session	Avg. Session Duration
Philippines	12	12	20	70.00%	2.05	148.15
Hungary	11	11	15	40.00%	2.73	125.00
Iran	11	9	15	40.00%	2.73	100.27
Slovenia	11	11	13	69.23%	1.69	15.15
Ireland	9	9	9	66.67%	1.56	19.11
Romania	9	9	11	36.36%	2.64	223.00
Bulgaria	8	8	8	50.00%	1.50	139.88
Ecuador	8	7	10	60.00%	2.50	164.50
Morocco	8	8	9	66.67%	2.33	196.44
Bangladesh	6	6	6	100.00%	1.00	0.00
Uruguay	6	6	17	70.59%	1.29	26.53
Bolivia	5	5	5	100.00%	1.00	0.00
Bhutan	5	5	5	60.00%	2.20	200.40
Puerto Rico	5	5	6	83.33%	1.33	4.83
Serbia	5	5	5	40.00%	2.20	84.40
Guadeloupe	4	4	5	40.00%	1.80	73.60
Greece	4	4	6	50.00%	3.33	151.83
Iceland	3	3	4	75.00%	1.25	12.25
Kuwait	3	3	4	75.00%	1.50	13.25
Kazakhstan	3	2	4	75.00%	1.75	4.50
Sri Lanka	3	3	6	100.00%	1.00	0.00
Nepal	3	3	3	66.67%	1.33	151.00
Venezuela	3	3	5	80.00%	1.20	27.80
Barbados	2	2	4	75.00%	1.25	6.00
Jordan	2	2	2	50.00%	1.50	7.00
Kenya	2	2	2	100.00%	1.00	0.00
Cambodia	2	2	2	50.00%	2.00	557.50
Lithuania	2	2	2	0.00%	2.00	783.50
Latvia	2	2	2	0.00%	3.00	33.50
Moldova	2	2	4	0.00%	2.00	4.00
Oman	2	2	2	100.00%	1.00	0.00
Senegal	2	1	2	100.00%	1.00	0.00
Tunisia	2	2	3	100.00%	1.00	0.00
Vanuatu	2	2	2	0.00%	2.00	25.50
Anguilla	1	1	2	50.00%	1.50	13.50
Albania	1	1	1	0.00%	2.00	12.00
Angola	1	1	1	100.00%	1.00	0.00
Bosnia & Herzegovina	1	1	1	100.00%	1.00	0.00
Benin	1	1	1	100.00%	1.00	0.00
Belarus	1	1	1	100.00%	1.00	0.00

Country	Users	New Users	Sessions	Bounce Rate	Pages / Session	Avg. Session Duration
Belize	1	1	1	0.00%	2.00	524.00
Côte d'Ivoire	1	1	1	100.00%	1.00	0.00
Costa Rica	1	1	1	100.00%	1.00	0.00
Dominican Republic	1	1	1	100.00%	1.00	0.00
Estonia	1	1	1	100.00%	1.00	0.00
Greenland	1	1	1	0.00%	6.00	96.00
Jersey	1	1	1	0.00%	3.00	62.00
Lebanon	1	1	2	0.00%	3.50	279.00
St. Lucia	1	1	1	100.00%	1.00	0.00
Mali	1	1	1	100.00%	1.00	0.00
Myanmar (Burma)	1	1	1	100.00%	1.00	0.00
Macao	1	1	1	100.00%	1.00	0.00
Martinique	1	1	1	100.00%	1.00	0.00
Namibia	1	1	3	100.00%	1.00	0.00
Nicaragua	1	1	3	100.00%	1.00	0.00
Papua New Guinea	1	1	1	100.00%	1.00	0.00
Palestine	1	1	1	100.00%	1.00	0.00
Paraguay	1	1	1	100.00%	1.00	0.00
Qatar	1	1	2	100.00%	1.00	0.00
Réunion	1	1	2	50.00%	1.50	124.00
Rwanda	1	1	1	100.00%	1.00	0.00
Saudi Arabia	1	1	3	33.33%	2.67	116.00
El Salvador	1	1	1	100.00%	1.00	0.00
Syria	1	1	1	100.00%	1.00	0.00
Tajikistan	1	1	3	66.67%	2.00	106.00
Uzbekistan	1	1	1	100.00%	1.00	0.00
	5426	5406	6784	62.21%	1.90	74.92

Dues for 2020

We are now accepting membership dues for 2020. Receipt of your dues will be most appreciated. You may pay via PayPal or credit card or check. Yearly dues are \$300.00. Please visit www.sdi-12.org/membership_form.php to pay your dues.