

Monthly Socially Responsible Investment Fund Ranking Report

Prepared July 14, 2020

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Paterson & Associates - Monthly SRI Fund Ranking Report

June 2020

Name	Rating	Average Monthly Return	Monthly Standard Deviation	Sharpe Ratio	Alpha	Beta	Correlations				Returns					
							TSX	S&P 500	MSCI EAFE	Cdn. Universe Bond	3 Month	1 Year	3 Year	5 Year	MER	
Fixed Income Funds																
1	RBC Vision Bond Fund Series D	D	0.33%	1.17%	0.22	-0.01%	0.99	0.3582	0.3461	0.3058	0.9885	6.5%	8.4%	5.1%	4.0%	0.60
2	imaxx Canadian Bond Fund Class A	D	0.31%	1.36%	0.17	-0.07%	1.10	0.4986	0.3953	0.4326	0.9482	7.8%	7.2%	4.8%	3.7%	1.57
3	NEI Global Total Return Bond	D	0.15%	1.52%	0.05	-0.07%	0.64	0.7529	0.5227	0.6925	0.4928	6.8%	2.0%	2.1%	1.7%	1.84
4	IA Clarington Inhance Bond SRI Fund Series B	F	0.30%	1.23%	0.18	-0.08%	1.09	0.5381	0.4866	0.4335	0.9728	6.3%	6.4%	3.7%	N/A	1.41
5	NEI Canadian Bond Fund Series A	F	0.26%	1.15%	0.16	-0.07%	0.96	0.3969	0.3637	0.3446	0.9837	6.3%	7.5%	4.4%	3.1%	1.61
	Benchmark (DEX Universe Bond Index)		0.37%	1.17%	0.25							5.9%	7.9%	5.7%	4.4%	
	Category Average		0.27%	1.29%	0.16			0.5089	0.4229	0.4418	0.8772	6.7%	6.3%	4.0%	3.1%	1.41
Balanced Funds																
1	Desjardins SocieTerra Balanced Portfolio	C	0.34%	1.84%	0.14	0.08%	0.66	0.8333	0.8662	0.8573	0.6529	10.4%	5.8%	4.6%	4.0%	2.27
2	NEI Select Growth & Income RS Portfolio Series A	C	0.37%	2.22%	0.13	0.06%	0.78	0.8590	0.9191	0.8896	0.4872	10.2%	1.8%	3.6%	4.2%	2.38
3	IA Clarington Inhance Growth SRI Pt.	C	0.38%	2.46%	0.12	0.07%	0.75	0.8936	0.8775	0.8641	0.5139	12.6%	5.1%	5.0%	4.3%	2.31
4	IA Clarington Inhance Balanced SRI Pt.	C	0.33%	2.15%	0.12	0.01%	0.80	0.8943	0.8556	0.8513	0.5756	11.1%	4.3%	4.2%	3.7%	2.20
5	NEI Select Balanced RS Portfolio Series A	C	0.31%	2.06%	0.11	0.02%	0.72	0.8464	0.9103	0.9004	0.4930	9.4%	2.9%	3.6%	3.5%	2.38
6	NEI Select Growth RS Portfolio Series A	C	0.36%	2.64%	0.11	0.05%	0.75	0.8333	0.9372	0.9068	0.4200	11.0%	1.4%	3.7%	4.0%	2.43
7	RBC Vision Balanced Fund Advisor Series	D	0.45%	2.15%	0.17	-0.07%	0.74	0.8454	0.9119	0.8444	0.5471	11.4%	6.4%	6.7%	5.3%	2.04
8	Desjardins SocieTerra Conservative Portfolio	D	0.28%	1.53%	0.13	-0.07%	0.96	0.7799	0.7808	0.7872	0.7825	8.5%	5.2%	4.0%	3.3%	2.09
9	NEI Select Income RS Portfolio Series A	D	0.26%	1.56%	0.12	-0.08%	0.92	0.8321	0.7924	0.8415	0.6300	7.5%	3.2%	3.1%	3.0%	1.78
10	NEI Select Income & Growth RS Portfolio Series A	D	0.26%	1.75%	0.10	-0.12%	1.02	0.8545	0.8569	0.8734	0.5891	8.5%	3.0%	3.2%	2.9%	2.05
11	imaxx Canadian Fixed Pay Fund Class A2	D	0.24%	2.50%	0.06	-0.07%	0.74	0.8742	0.8483	0.7919	0.4251	9.1%	-0.3%	1.8%	2.5%	2.30
12	NEI Balanced RS Fund Series A	D	0.11%	1.90%	0.02	-0.17%	0.70	0.8990	0.7522	0.7904	0.5029	10.2%	2.0%	2.4%	1.1%	2.32
13	Desjardins SocieTerra Maximum Growth Portfolio	F	0.45%	2.64%	0.14	-0.20%	0.93	0.8467	0.9263	0.9003	0.4540	13.1%	5.8%	5.5%	5.1%	2.50
14	Desjardins SocieTerra Growth Portfolio	F	0.38%	2.17%	0.14	-0.19%	0.91	0.8453	0.9051	0.8886	0.5544	11.4%	5.6%	4.9%	4.4%	2.40
15	imaxx Global Fixed Pay Fund Class A0	F	0.49%	3.05%	0.14	-0.26%	1.07	0.6076	0.9409	0.8713	0.3685	7.9%	3.8%	6.0%	5.5%	2.46
16	IA Clarington Inhance Conservative SRI Pt.	F	0.27%	1.76%	0.11	-0.14%	1.10	0.8747	0.8014	0.8104	0.6789	9.2%	3.7%	3.5%	3.1%	2.09
17	IA Clarington Inhance Monthly Inc SRI Pt.	F	0.19%	3.13%	0.04	-0.22%	0.99	0.9377	0.6947	0.7760	0.4271	9.7%	-9.3%	-1.0%	1.7%	2.26
18	Mackenzie Global Sustain & Impac Balanced Fd A	TBD	0.24%	1.97%	0.08	-0.29%	0.85	0.8429	0.9582	0.8148	0.3343	7.8%	3.1%	N/A	N/A	2.35
	Benchmark (40% DEX / 60% TSX)		0.40%	2.45%	0.13							12.5%	2.2%	4.7%	4.5%	
	Category Average		0.32%	2.19%	0.11			0.8444	0.8631	0.8477	0.5243	9.9%	3.0%	3.8%	3.6%	2.26
Canadian Equity																
1	Desjardins SocieTerra Environment Fund A Class	B	0.41%	3.39%	0.10	0.11%	0.68	0.7643	0.9446	0.8861	0.2854	14.1%	3.5%	4.6%	4.3%	2.39
2	IA Clarington Inhance Canadian Equity SRI Pt.	D	0.35%	3.65%	0.07	-0.05%	0.93	0.9644	0.7238	0.7433	0.3795	19.7%	1.2%	2.6%	3.4%	2.40
3	RBC Vision Canadian Equity Fund Series A	F	0.29%	3.77%	0.06	-0.13%	0.98	0.9865	0.6943	0.7402	0.3322	15.7%	-4.6%	1.2%	2.7%	1.88

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4 Investors Summa SRI Fund Series C	F	0.25%	3.43%	0.05	-0.11%	0.83	0.9249	0.8727	0.8183	0.2826	12.7%	-1.3%	0.9%	2.3%	2.95
5 NEI Jantzi Social Index Fund Series A	F	0.20%	3.80%	0.03	-0.23%	0.97	0.9693	0.7097	0.7668	0.2745	14.5%	-11.3%	-0.2%	1.5%	2.10
6 imaxx Canadian Dividend Plus Fund Class	F	0.11%	3.83%	0.01	-0.31%	0.96	0.9487	0.8045	0.8455	0.3542	12.9%	-10.4%	-1.5%	0.4%	2.30
7 NEI Canadian Equity RS Fund Series A	F	0.07%	3.46%	0.00	-0.30%	0.86	0.9401	0.6593	0.7123	0.2110	8.7%	-9.0%	-3.0%	0.1%	2.42
8 imaxx Equity Growth Fund Class A	F	0.03%	3.06%	-0.02	-0.27%	0.68	0.8416	0.8427	0.7753	0.3223	9.3%	-2.3%	0.3%	-0.2%	2.46
Benchmark (S&P/TSX Composite)		0.44%	3.74%	0.10			1.0000	0.6913	0.7331	0.3617	17.0%	-2.2%	3.9%	4.5%	
Category Average		0.21%	3.55%	0.04			0.9175	0.7815	0.7860	0.3052	13.5%	-4.3%	0.6%	1.8%	2.36

Canadian Small / Mid Cap Equity

1 North Growth Canadian Equity Fund	A	0.63%	5.06%	0.11	0.39%	0.80	0.8020	0.6711	0.7204	0.3541	20.0%	7.4%	6.3%	6.2%	1.00
2 NEI Canadian Small Cap Equity RS Fund Series A	F	0.12%	4.66%	0.01	-0.14%	0.86	0.9054	0.5717	0.6602	0.2734	18.9%	-13.1%	-3.4%	0.0%	2.70
Benchmark (S&P/TSX Composite)		0.44%	3.74%	0.10			1.0000	0.6913	0.7331	0.3617	17.0%	-2.2%	3.9%	4.5%	
Category Average		0.37%	4.86%	0.06			0.8537	0.6214	0.6903	0.3138	19.5%	-2.9%	1.5%	3.1%	1.85

U.S. Equity

1 NEI U.S. Equity RS Fund Series A	F	0.66%	3.49%	0.17	-0.29%	0.89	0.6493	0.9458	0.7872	0.3678	12.0%	5.1%	10.1%	7.4%	2.44
2 Fidelity Women's Leadership Fund Series B	TBD	0.62%	5.98%	0.09	-1.38%	1.88	0.9525	0.9651	0.8481	0.6888	17.3%	5.6%	N/A	N/A	0.00
Benchmark (S&P 500 C\$)		1.07%	3.66%	0.27			0.6913	1.0000	0.8085	0.3466	15.8%	11.9%	12.6%	12.7%	
Category Average		0.64%	4.74%	0.13			0.8009	0.9555	0.8177	0.5283	14.7%	5.4%	10.1%	7.4%	1.22

Global / International Equity

1 BMO Sustainable Opport Global Equity Fund Adv	B	1.04%	3.33%	0.29	0.34%	0.87	0.7411	0.9362	0.8231	0.3102	17.7%	12.0%	10.9%	N/A	1.98
2 BMO Women in Leadership Fund Advisor Series	C	0.85%	3.54%	0.22	0.11%	0.99	0.8502	0.9206	0.7671	0.3961	12.9%	5.4%	6.9%	N/A	1.47
3 RBC Vision Global Equity Fund Advisor Series	C	0.82%	3.75%	0.20	-0.03%	1.04	0.7071	0.9601	0.8341	0.3949	18.5%	11.6%	13.0%	9.3%	2.10
4 NEI International Equity Fund Series A	C	0.40%	3.00%	0.11	0.07%	0.80	0.5835	0.8057	0.9078	0.4585	9.2%	-1.5%	2.4%	4.4%	2.60
5 NEI International Equity RS Fund Series A	C	0.40%	3.31%	0.10	0.03%	0.90	0.5307	0.8057	0.8918	0.3959	10.3%	0.0%	3.2%	4.2%	2.64
6 AGF Global Sustainable Growth Equity Fund Series	D	0.74%	3.84%	0.17	-0.08%	1.02	0.7039	0.9007	0.8374	0.4365	21.6%	12.4%	9.1%	8.3%	2.47
7 IA Clarington Inhance Global Equity SRI Pt.	D	0.69%	3.59%	0.17	-0.11%	0.98	0.6577	0.9277	0.8541	0.3718	15.0%	13.8%	10.8%	7.8%	2.52
8 NEI Environmental Leaders Fund	D	0.72%	3.78%	0.17	-0.07%	0.97	0.7593	0.8891	0.8613	0.3714	16.7%	3.0%	4.8%	N/A	2.64
9 NEI Global Dividend RS Fund Series A	D	0.54%	2.94%	0.16	-0.09%	0.78	0.6123	0.9180	0.7905	0.4096	9.6%	6.2%	6.6%	6.2%	2.62
10 NEI Global Equity RS Fund Series A	F	0.62%	3.55%	0.15	-0.19%	1.00	0.7171	0.9644	0.8746	0.3422	14.7%	5.0%	5.1%	6.9%	2.61
11 NEI Select Maximum Growth RS Portfolio Series A	F	0.50%	2.88%	0.15	-0.15%	0.80	0.8131	0.9474	0.9013	0.3835	11.7%	0.4%	4.3%	5.6%	2.50
12 CI MSCI World ESG Impact Fund Unhedged Class A	TBD	1.41%	3.88%	0.34	0.25%	1.43	0.8175	0.9235	0.7584	0.7061	10.3%	N/A	N/A	N/A	0.00
13 Mackenzie Global Environmental Equity Fund A	TBD	1.58%	5.68%	0.26	0.32%	1.56	0.8599	0.7652	0.8235	0.2060	17.7%	12.6%	N/A	N/A	2.59

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14 RBC Vision Fossil Fuel Free Global Equity Fund Adv	TBD	1.02%	4.13%	0.23	0.06%	1.18	0.8032	0.9638	0.8013	0.3986	14.8%	6.5%	N/A	N/A	2.35
15 Russell Investments ESG Global Equity Pool B	TBD	0.55%	3.40%	0.14	-0.24%	0.97	0.8451	0.9534	0.8797	0.3245	11.0%	1.2%	N/A	N/A	0.00
16 Mackenzie Global Leadership Impact Fund A	TBD	0.49%	3.71%	0.11	-0.40%	1.09	0.8921	0.9711	0.8706	0.3574	14.3%	2.8%	N/A	N/A	2.04
17 Fidelity Sustainable World ETF Fund Series B	TBD	0.57%	4.61%	0.11	-0.77%	1.64	0.9184	0.9896	0.8667	0.5455	14.5%	5.8%	N/A	N/A	0.00
Benchmark (MSCI World Index C\$)		0.81%	3.63%	0.20			0.7278	0.9763	0.9024	0.3550	14.8%	7.6%	9.1%	9.5%	
Category Average		0.76%	3.70%	0.18			0.7537	0.9142	0.8437	0.4005	14.1%	6.1%	7.0%	6.6%	1.95

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Methodology & Ratings Definitions

June 2020

Methodology:

Fund Ratings which are highlighted in Green indicate an upgraded rating from the previous month. Fund Ratings highlighted in Red indicate a downgraded rating from the previous month. Only funds with greater than 36 months of data are eligible to receive a rating.

The period under review is the most recent 60 month period, or the inception date of the fund, whichever is shorter.

To determine our rankings, fund returns are scored on six key risk reward metrics. The scores are totaled and a rating assigned based on the results.

Fund Score	Rating
More than 80%	A
65% to 80%	B
55% to 65%	C
40% to 55%	D
Below 40%	F

The metrics are:

Alpha – This is the excess return that a manager has been able to generate. The higher the Alpha, the higher the score.

Sharpe Ratio – This is a measure of risk adjusted performance. It measures how much return an investment has delivered for each unit of risk assumed. The higher the Sharpe Ratio, the more return the investment has delivered for each unit of risk.

Standard Deviation – this is a measure of volatility or risk. It measures the fluctuation that an investment has exhibited. The higher the standard deviation, the more fluctuation the fund has shown, so the lower the score it receives in the ratings model

Information Ratio – is a measure of how consistently a manager has outperformed its benchmark. It is basically the Sharpe Ratio of the monthly excess returns. Like with the Sharpe Ratio, the higher the better.

Batting Average – this is another measure of how consistently the fund has outperformed. While the information ratio will factor in the level of outperformance, **batting average is a measure of how frequently. It's like the win/loss percentage in baseball. A batting average of 500 means it has outperformed as often as it has underperformed.** The model favours funds that win more than they lose. The higher the batting average, the better the score.

R-Squared – This is a statistical measure that shows how much of the return of an investment are the result of the benchmark. The higher the R-Square, **the more the fund behaves like the benchmark. And as we know, if you want to beat the benchmark, you can't be the benchmark.** The model favours those funds that have a lower R-Squared.

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Information is from sources believed to be reliable. Every effort is made to ensure its accuracy, however, we cannot be responsible for inaccuracies or omissions in any of the data. Information used in this analysis is historic in nature. Past performance is no guarantee of future performance.

Monthly Standard Deviation is the most recent 60 month historical standard deviation of returns.

Sharpe Ratio is a measure of risk adjusted returns. The higher the ratio, the better the manager has been at delivering more return for less risk.

Alpha represents the excess return which the manager has been able to deliver over and above the applicable benchmark.

Beta represents the volatility of the fund relative to its applicable benchmark. A beta of one means that there is a level of volatility equal that of the benchmark. A beta in excess of one indicates that the volatility is greater than the benchmark, while a beta of less than one indicates that volatility is less than the benchmark.

Correlation measures the similarity in return patterns between the fund and a benchmark. The correlation will range between -1 and $+1$. A correlation close to $+1$ indicates that the fund and the index have very similar return patterns. A correlation close to -1 indicates that the returns are almost opposite, while a correlation close to zero indicates no relationship.

Historic returns are calculated using the monthly return data in our database. Slight variations in return results will be attributable to decimal rounding and number truncation. Past performance does not guarantee future performance. This publication does not constitute an offer to sell or the solicitation of an offer to buy any securities. The information provided in this publication is not intended to constitute legal, accounting, financial, tax or investment advice. Many factors unknown to us may affect the applicability of any statement or comment found in this report to your particular circumstances. Those seeking specific investment advice should consider a qualified investment professional.

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