

Deadline of Submission of Comments: 24-Feb-25
Document Number: ASB TR 071
Document Title: Forensic Document Examination Terms and Definitions

Comment #	Text Line # (s)	Document Section	Type of Comment	Current Document Wording	Proposed Revision	Revision Justification	For Working Group and Consensus Body use only, not to be completed by commenter.
			E-Editorial T-Technical				Final Resolution
1	180-182	Bias, cognitive	E	The effect of a set of influences, which can be unconscious, on the reliability and validity of an individual's observations and conclusions.	use the OSAC preferred definitions instead to be consistent among all forensic disciplines: A tendency for an individual's preexisting beliefs, expectations, motives, or the situational context to influence their sampling, observations, results, interpretations, or opinions, or their confidence in the aforementioned.	OSAC preferred terms should be used if this document is going to head back to OSAC to be placed on the registry	Accept. Not open for public comment, but the CB agreed to the updated definition.
2	184-186	bias, confirmation	E	The tendency to search for data or interpret information in a manner, which can be unconscious, that supports one's preconceptions, expectations or desires.	A tendency to search for, collect, perceive, or interpret information in a manner that supports preconceptions, expectations, or desires. NOTE: This is a type of cognitive bias.	OSAC preferred terms should be used if this document is going to head back to OSAC to be placed on the registry	Accept. Not open for public comment, but the CB agreed to the updated definition.
3	188-190	bias, contextual	E	A deviation in human judgment caused by exposure to information that is either irrelevant to the judgmental task or inappropriate for consideration.	A tendency for exposure to or knowledge of case-specific information to affect the impartial collection, perception, or interpretation of evidence. NOTE: This is a type of cognitive bias.	OSAC preferred terms should be used if this document is going to head back to OSAC to be placed on the registry	Accept
4	563-565	diffuse reflection	E	Diffusion by reflection in which, on the macroscopic scale, there is no regular reflection.	the reflection of light or other waves or particles from a surface such that a ray incident on the surface is scattered at many angles rather than at just one angle from: https://www.sciencedirect.com/topics/engineering/diffuse-reflection#:~:text=Diffuse%20reflection%20is%20the%20reflection,the%20case%20of%20specular%20reflection. or - light rays scatter in different directions after hitting an uneven surface	don't use the terms you are trying to define in the definition and be consistent with other scientific disciplines	Reject. Not open for public comment.
5	832-835	fluorescence	E	A process by which radiant flux of certain wavelengths is absorbed and reradiated nonthermally at other, usually longer, wavelengths.	the emission of light by a material that has absorbed light or other electromagnetic radiation of shorter wavelength (higher energy).	be consistent with other scientific disciplines - the suggestion was modified from ANSI/ASTM E2228-23a	Reject. Not open for public comment.
6	909-911	ground truth	E	Information that is known to be real or true, provided by direct observation and measurement (i.e., empirical evidence) as opposed to information provided by inference.	Information that has been verified as true and the data is used for training, validating, or testing	your definition comes from wikipedia and is vague. I think you need to explicitly state how ground truth data is used	Reject. Not open for public comment.
7	1037-1041	infrared, IR	E	Referring to radiant flux having wavelengths longer than the wavelengths of visible light, usually from ~700 nm to 1400 nm (~0.7 µm to 1.4 µm) as per the International Commission on Illumination (CIE) for IR-A.	form of light outside the visible range with a range of wavelengths from about 700nm to 1400nm	define in terms of light or energy not radiant flux and be consistent with how other disciplines define IR (IR spectroscopy)	Reject. Not open for public comment.

8	1717-1731	spectroscopy	E	The study of the absorption or emission of electromagnetic energy by a chemical species as a function of the energy incident upon that species; this analytical technique is used to identify elements and/or atomic and molecular structure by measurement of the radiant energy absorbed or emitted by a substance in any of the wavelengths of the electromagnetic spectrum.	The study of the absorption or emission of electromagnetic energy as a function of its wavelength or frequency to obtain information about the structure or properties of the material	define consistent with other disciplines who use spectroscopy - don't use species here, and I wouldn't state it identifies elements but provides information about the material being studied based on the interaction of light with the material	Reject. Not open for public comment.
---	-----------	--------------	---	---	--	---	--------------------------------------